



Name of farmer: Satyavva Hosamani urf Madar

Address: Benakanavari

Age: 76

Education: -Nil-

Size of land holding (in acre): 1.24 + 4 (leased)

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (<i>Kharif</i>)	1	30.0	45000	33000
Field Crop 2	Groundnut (<i>Rabi/summer</i>)	1	8.9	42510	23018
Field Crop 3	Maize (<i>Rabi</i>)	1	25.0	30000	18000
Hort. Crop 1	Onion (<i>Kharif</i>)	1	12	48000	16150
Livestock 1	Cow	1	450	13500	8937
Other enterprise (Specify)	* Leased amount @ 12000/ac deducted from net income (1 ac)				-12000
Total				179010	87105

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Groundnut (Dh-256)	1	11.7	56430	36938	31.5	60.5
Field Crop 2	Chickpea (JG-14)	1	4.7	23970	11590	>100.0	>100.0
Field Crop 2	Sugarcane	4	1800	450000	238000	>100.0	>100.0
Hort. Crop 1	Onion (Weed Management)	0.5	16	64000	35750	166.67	121.4
Livestock 1	Cow	1	600	24000	18000	33.3	101.4
Livestock 2	Buffalo	1	600	27000	21000	>100.0	>100.0
Livestock 3	Goat (Kids)	4	11	34000	16000	>100.0	>100.0
Other enterprise (Specify)	* Leased amount @ 15000/ac deducted from net income (4 ac)				-60000		
Total				679400	317278	-	264.2

Brief: The farmer used to get annual income of **Rs. 87105** from Groundnut, Maize, Onion & Dairy etc. She faced problems like low yielding variety, weeds, low productivity in dairy etc. With DFI interventions like **Introduction of high yielding varieties (Dh-256, JG-14) and pre & post emergent weed management through FLDs, use of bio-agents, advisories on crop production and trainings.** She is getting annual income of **Rs 317278**.



Groundnut variety TMV-2 as a check in FLD



Groundnut variety Dh-256 as a Demo in FLD



Name of farmer: Neelavva Managuli

Address: Benakatti

Age: 66

Education: -Nil-

Size of land holding (in acre): 7.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut (TMV-2)	0.5	4.2	23310	14600
Field Crop 2	Greengram	4	10.0	18000	8000
Field Crop 3	Jowar	4	20.0	36000	16000
Field Crop 4	Chickpea	3	12.0	48000	24000
Hort. Crop 1	Onion	3	60.0	60000	15000
Total				185310	77600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Groundnut (Dh-256)	0.5	8.4	46620	23310	100.0	59.7
Field Crop 2	Greengram	4	12.0	62400	32400	20.0	305
Field Crop 3	Jowar	4	25.0	62500	42500	25.0	165.6
Field Crop 4	Chickpea	3	15.0	76500	58500	25.0	143.8
Hort. Crop 1	Onion	3	63.0	94500	46500	5.0	210.0
Hort. Crop 2	Chilli	4	8.0	200000	140000	>100.0	>100.0
Total				542520	343210		342.3

Brief: The farmer used to get annual income of **Rs. 77600/-** from Groundnut, Greengram, Jowar & Onion, etc. She faced problems like Low yield varieties, weeds, etc. With DFI interventions like **Introduction of high yielding varieties (Dh-256, JAKI-9218)**, seed production and pre & post emergent weed management through FLDs, use of bio-agents, advisories on crop production and trainings. She is getting annual income of **Rs 343210/-**.



Seed Production of Chickpea (JAKI-9218)



Groundnut variety Dh-256 as a Demo in FLD



Name of farmer: Manjunath Guraddi

Address: Rabakavi, Bilagi Tq

Age: 35

Education:

10th

Size of land holding (in acre): 0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 2					
Livestock 1	Buffalo	1	300	60000	35000
	Cow(Cross bred)	7	14700	441000	250000
Other enterprise (Specify)	FYM	8	420	42000	42000
Total				543000	327000

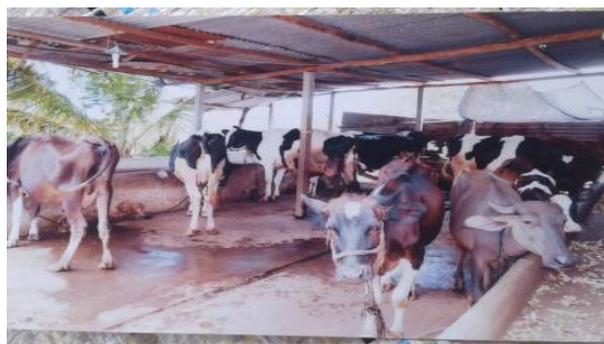
2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 2							
Livestock 1	Buffalo	2	600	120000	70000	100	100
Livestock 2	Cow(Cross bred)	13	35100	936000	525000	14.29	74
Livestock 2	FYM	8	710	142000	142000	69	238
Total				1198000	737000		125.4

Brief: The farmer used to get annual income of Rs. 3,27,000 from Livestock etc. He faced problems like Mastitis, Low Fat and SNF, Green Fodder scarcity etc. With DFI interventions like Clean milk production, Vaccination to livestock, Deworming, Scientific feeding management, Silage making etc., he is getting annual income of Rs.7,37,000.



Farmer at his hydroponics unit which is source of green fodder



A view of his dairy farm



Name of farmer: Arjun Galagali
Address: Kainkatti, Badami Tq
Age: 42
Education: B.A.
Size of land holding (in acre): 10

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops1	Maize	2	44	52800	22800
Field crops2	Wheat	1	12	30000	20000
Hort. crops	Onion	5	175	175000	75000
Livestock 1	Cow	1	180	42000	24000
Total				299800	141800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops1	Maize	1	25	32500	17500	-43.2	-23.2
Field crops2	Sugarcane	2	900	225000	125000	>100.0	>100.0
Field crops3	Wheat	0.2	5	12500	7500	-58.3	-62.5
Hort crops	Onion	5	180	270000	170000	2.9	126.7
Livestock 1	Cow	1	2400	72000	37000	1233.3	54.2
Livestock 2	Sheep	45	50	200000	120000	>100.0	>100.0
Livestock 3	Fish	2500	14	25000	12500	>100.0	>100.0
Livestock 4	Bee box	40	0.25	10000	10000	>100.0	>100.0
Livestock 5	Poultry	50	2500	20000	5000	>100.0	>100.0
Total				867000	504500		255.8

Brief: The farmer used to get annual income of Rs 141800 from Livestock , monocropping etc. He faced problems like Mastitis, Low Fat and SNF, Green Fodder scarcity etc. With DFI interventions like Clean milk production, Vaccination to livestock, Deworming, Scientific feeding management, Silage making, crop diversification etc., he is getting annual income of Rs. 504500



KVK scientists visit to farmer's animal unit



Farmer is being educated about bee keeping by university scientists.

Name of farmer: Rangappa Radder

Address: S/o, Yekanna, At/: Allur S.P Post: HaladurTq: Guledagudd, Dist; Bagalkote

Age: 45

Education: MA, BEd

Size of land holding (in acre): 1.25 and lease- 3 acre=4.25



1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Onion	1.25	72	86400	49600
Field Crop 2	Bengal gram	1.25	6	24000	14500
Total				110400	64100

2) Status in 2020

Components	Names	Period 2020-21				% increase over base	
		Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	Production	Income
Hort. Crop 1	lime (100 plts)	0.5	2000	2000	1000	>100	>100
Hort. Crop 3	Gauva (100 plts)	0.5	5	5000	3000	>100	>100
Hort. Crop 3	Curry leaf	0.125	0.6	3000	2400	>100	>100
Hort. Crop 4	Ginger	0.125	1.5	15000	10000	>100	>100
Hort. Crop 5	Onion	0.5	10	28000	14000	-86.1	-71.8
Hort. Crop 6	chilli	0.5	9	18000	12000	>100	>100
Hort. Crop 7	Papaya	1	112.5	90000	52000	>100	>100
Hort. Crop 8	Tomato	0.5	20	20000	13000	>100	>100
Hort. Crop 9	Brinjal	1	40	80000	55000	>100	>100
Livestock 1	Ram(Sheep kids)	20	20	160000	80000	>100	>100
Livestock 2	Buffalo	1	1200	42000	30000	>100	>100
Livestock 3	Cow (HF)	2	3600	108000	70000	>100	>100
Live stock4	Poultry		150	65000	45000	>100	>100
Others	Lease amount deducted from Net income 3 x 1000				-30000		
Total				636000	357400		457.6

Brief: The farmer used to get annual income of Rs. **64100** from above mentioned field crops, Horti. Crops etc. He faced the unemployment, and lack of knowledge about farming and water etc. With DFI interventions, **Skill Training on organic farming and dairy , regular consultancy, Marketing information** etc. he is getting annual income of Rs **357400**. He is expecting the yield of mahagani and sandalwood during 2030 which he has taken as mixed cropping



Farmer adopting mechanical way of intercultivation to reduce the labour cost



Farmer at his orchard consisting of mixed fruit crops



Name of farmer: Parasappa N Hunnur
Address: Kulahalli, Jamakhandi Mobile
Age: 36
Education: Diploma In Co Operative Management
Size of land holding (in acre): 22

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugar Cane	5	3000	660000	404000
Field Crop 2	Maize	5	102	126000	81000
Field Crop 3	Pulses	1	5.5	40000	34000
Field Crop 4	Wheat	1	12	28800	23800
Field Crop 5	Dicoccum Wheat	2	24	60000	50000
Field Crop 6	Chickpea	1	5	20000	15000
Hort. Crop 1	Turmeric	2	78	460700	350000
Hort. Crop 2	Banana-G9	1	350	280000	170000
Hort. Crop 3	Garlic, Onion, Sounf	1	8	30000	20000
Livestock 1	Cows	18	42000	130000	700000
Livestock 2	Buffaloes	6	9000		
Livestock 4	Sheep & Goat	100	-	600000	300000
Total				2435500	2147800



Scientists from university visiting Mr. Hunnur's farm



Mr. Hunnur in his marigold farm which is cultivated on buyback basis

2) Status in 2020

Component Description		Benchmark (Baseline period 2020-21)				% increase over base year	
Components	Names	Area (Acre)/ Number	Production (q/lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugar Cane	7	5630	15,20,000	13,70,000	87.7	239.1
Field Crop 2	Maize	3	90	1,75,000	1,55,000	-11.8	91.4
Field Crop 3	Pulses	1	5.5	40,000	34,000	0.0	0.0
Field Crop 4	Wheat	1.5	18	43,200	35000	50.0	47.1
Field Crop 5	Dicocum	1	15	69,000	65,000	-37.5	30.0
Hort. Crop 1	Turmeric	2.0	82	9,84,000	7,34,000	5.1	109.7
Hort. Crop 2	Banana (Rajpuri)	1	431	4,00,000	3,80,000	>100	123.5
Hort. Crop 3	Ground Nut	1	15	60,000	50,000	>100	>100
Hort. Crop 4	Mari Gold	2	180	1,80,000	1,47,000	>100	>100
Livestock 1	Cows	10	18000	6,30,000	3,30,000	-57.1	-52.86
Livestock 2	Buffalo	6	3000			-66.67	
Livestock 3	Goat	120	-	11,00,000	8,50,000	20	183.3
Livestock 4	Poultry	100	500	1,82,500	1,46,000	>100	>100
Total				5383700	4296000		100.0

Brief: The farmer used to get annual income of Rs. 2147800 from field crops, horticulture crops and Dairy etc. He faced problems like low market price, mono cropping etc. With DFI interventions like Crop diversity, organic farming and animal husbandry activities etc., he is getting annual income of Rs. 4296000. He is also practicing organic farming for all his crops and getting good price apart from saving cost of fertilizers. He is maintaining 2-3 goat breeds and selling goats from which he is encouraged to go for large scale goat farming and poultry farming. An awardee of Best farmer of the district from UAS Dharwad.



Farmer in his newly constructed goat farm



KVK scientists at farmer's turmeric field



Name of farmer: Rudrappa Zulapi
Address: Hulyal Tq : Jamkhandi Mobile
Age: 50 yrs
Education: PUC
Size of land holding (in acre): 15

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sorghum	4	32	96,000	56,000
Field Crop 2	Maize	4	120	1,56,000	1,11,000
Field Crop 3	Greengram	2	5	25,000	17,000
Field Crop 4	Blackgram	2	4	20,000	15,000
Field Crop 5	Dicoccu m	2	16	48,000	33,000
Field Crop 6	Wheat	4	60	1,50,000	1,25,000
Hort. Crop 1	Brinjal	4	700	3,50,000	2,50,000
Hort. Crop 2	Drum stick	-	-	20,000	15,000
Livestock 1	Sheep	50	-	1,50,000	1,00,000
Livestock 2	Cows	05	2500	62,500	40,000
Livestock 3	Buffaloes	05	4500	1,35,000	75,000
Livestock 4	Poultry	10,000	-	1,25,000	80,000
Total				13,37,500	9,17,000



His Excellency, Hon'ble President of India, Shri Pranab Mukherjee visit his stall in national fair held at PUSA



Zulpi in his field with family grading Brinjal

2) Status in 2020

Component Description		Benchmark (Baseline period 2020-21)				% increase over base year	
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	5	2500	6,75,000	5,25,000	>100	>100
Field Crop 2	Sorghum (Rawa and Atta)	4	32	1,76,000	1,26,000	0	125
Field Crop 3	Maize	1	30	45,000	30,000	0	-72.97
Field Crop 4	Greengram (sold as	2	8	33,000	25,000	60	47
Field Crop 5	Blackgram	2	6	48,000	30,000	50	>100
Field Crop 6	Dicoccu m Wheat	2	16	70,000	50,000	-	51.5
Field Crop 7	Wheat (Atta)	2	30	1,50,000	1,25,000	0	0
Field Crop 8	Sweetcorn	1	30	24,000	16,000	>100	>100
Hort. Crop 1	Brinjal	4	700	7,00,000	4,50,000	0	80
Hort. Crop 2	Drum stick	-	-	40,000	25,000	-	66.6
Hort. Crop 3	Banana	0.5	100	40,000	20,000	>100	>100
Livestock 1	Goat	50	-	7,20,000	4,50,000	>100	>100
Livestock 2	Cows	05	2500	62,500	40,000	0	0
Livestock 3	Buffalo	05	4500	1,35,000	75,000	0	0
Livestock 4	Poultry	10,000		1,25,000	80,000	0	0
Total				3043500	20,67,000		125.4

Brief: The farmer used to get annual income of Rs. 9,17,000 from field crops, horticulture crops and Dairy etc. He faced problems like low market price, mono cropping etc. With DFI interventions **like Crop diversity, organic farming and animal husbandry activities** etc., he is getting annual income of Rs. 2067000. He is adding value to all the food grains that he produce, which is the major source of income



Name of farmer: Praveen Mudhol

Address: Janamatti

Age: 37

Education: M.Sc, M.Phil

Size of land holding (in acre): 12

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4.02	3135.6	7,80,000	5,80,000
Field Crop 2	Maize	2.09	81.51	1,40,000	75,400
Hort. Crop 1	Marigold	6.50	390	6,32,000	3,32,000
Hort. Crop 2	Grape (wine grape)	4.14	269.1	12,30,000	7,80,000
Livestock 1	Goats	5	12	1,20,000	90,000
Livestock 2	Buffalo	10	2240	1,75,000	80,000
Total		12.0		3077000	1937400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	6.13	4248.09	10,42,000	8,62,000	35.5	48.6
Field Crop 2	Wheat	2.09	62.7	90,000	60,000	>100	>100
Hort. Crop 1	Grape (wine grape)	4.14	401.6	20,80,000	18,80,000	49.2	141.0
Livestock 1	Goats	40	140	16,80,000	12,80,000	1066.6	1322.2
Livestock 2	Buffalo	10	2240	1,75,000	80,000	0	0
Total		12.0		5067000	4162000		114.8

Brief: The farmer used to get annual income of Rs.19,37,400 from Sugarcane, maize, marigold, Grape, goats, Buffalo etc. He faced problems like root grub damage, marketing problem etc. With DFI interventions like root grub management, organic pesticides, marketing to distant markets etc., he is getting annual income of Rs. 41,62,000.



Farmer in his grape field



Wheat field maintained organically



Name of farmer: Mahagunddappa Kamatar

Address: Kotekal

Age: 51

Education: PUC

Size of land holding (in acre): 1.2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	0.05	12	5000	4000
Hort. Crop 1	Chilli	0.15	0.4	7000	5000
Hort. Crop 2	Ridge gourd	0.15	10	20,000	16,000
Hort. Crop 3	Bittergourd	0.15	8	18,000	12,000
Hort Crop 4	Drumstick	0.2	400	5,000	4000
Total				55000	41,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy (Red rice variety)	0.05	0.5	3500	2000	>100	>100
Hort. Crop 1	Brinjal	0.15	10	17,000	14,000	>100	>100
Hort. Crop 2	Ridge gourd	0.15	12	25,000	22,000	20	37.5
Hort. Crop 3	Bittergourd	0.15	10	20,000	16,000	25	33.3
Hort Crop 4	Drumstick	0.2	1 000	20,000	17,000	150	325
Hort crop 5	Flower	0.05	0.5	5000	3000	>100	>100
Livestock 1	Cow	1	600	15000	10000	>100	>100
Total				105000	84000		104.9

Brief: The farmer used to get annual income of Rs. 41,000 from Sugarcane, chilli, Ridge gourd, Bittergourd, Drumstick etc. He faced problems like mountainous rocky land, undulated land, sandy soil etc. With DFI interventions like drip irrigation, use of improved varieties etc., he is getting annual income of Rs. 84000. In addition, there is cost saving of Rs. 30,000 in the production of Paddy, cucumber, Ridge gourd, Bittergourd, Drumstick. The speciality in his agriculture is cultivation with only using weeder, no bullocks, tractor or ploughing implements.



KVK team with farm in organic Paddy (Red rice variety)



KVK team with Farmer in Brinjal field

Name of farmer: Irappa B Gani

Address: Kulali , Mudhol taluka

Age: 48 yr

Education: SSLC

Size of land holding (in acre): 20 ac during 2016 and 25 ac during 2020

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	14	5880	1293600	859000
Field Crop 2	Maize	11	200	240000	180000
Field Crop 3	Pulses	3	10	60000	45000
Hort. Crop 1	Turmeric	5	125	1000000	850000
Hort. Crop 2	Sweet potato	1	400	300000	230000
Livestock 1	Buffaloes	4	600	150000	95000
Livestock 2	Cows	8	18000	450000	200000
Livestock 3	Goat	10	-	60000	40000
Total				3553600	2499000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Sugarcane	19	11400	2850000	2250000	93.9	161.9
Field Crop 2	Maize	0.5	10	190000	115000	-55	11.1
Field Crop 3	pulses	3	10	60000	45000	0	0
Hort. Crop 1	Turmeric	6	228	2394000	1944000	90.4	149.9
Hort. Crop 2	Sweet corn	2	80	120000	85000	>100	>100
Livestock 1	Buffaloes	4	600	180000	100000	0	5.3
Livestock 2	Cows	8	18000	450000	200000	0	0
Livestock 3	Goat	20	-	120000	80000	>100	>100
	Turmeric ((Processing))	-	10	200000	180000	>100	>100
Total				6564000	4999000		100

Brief: The farmer used to get annual income of Rs. 2499000 from sugarcane, turmeric Dairy and sheep and goat etc. He faced problems in chemical like chemical, lack of diversity, mono cropping, etc. With DFI interventions like intercropping, etc., he is getting annual income of Rs. **4999000**. In addition, there is increase in landholding to the extent of five acres in three years, he has saved around 400000 from use of bioagents which he prepares at his farm and maintains culture of all the bioagents for multiplication



turmeric farm



Name of farmer: Shankar Hanamant Itani

Address: Belagali , Mudhol taluka

Age: 38 yr

Education: SSLC

Size of land holding (in acre): 3 ac and 3.5 ac lease

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	5	1500	352000	202000
Hort. Crop 1	Turmeric	1	25	162500	100000
Livestock 1	Goat	10	-	100000	80000
Total				614500	382000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Sugarcane	3	1340	335000	300000	-10.7	48.5
Field Crop 2	Maize	1	25	43750	30000	>100	>100
Field Crop 3	Sweet corn	1	30	27000	20000	>100	>100
Hort. Crop 1	Cauliflower	1	20	35000	25000	>100	>100
Hort. Crop 2	Turmeric	2	50	350000	270000	>100	170
Hort. Crop 3	Marigold	1	100	75000	50000	>100	>100
Livestock 1	Goat	20	-	200000	150000	>100	87.50
Total				1065750	845000		121.2

Brief: The farmer used to get annual income of Rs. 382000 from sugarcane, turmeric and animal components. He faced problems like price fluctuations, lack of diversity, mono cropping, etc. With DFI interventions like intercropping, entering into contract farming of marigold and introduction of animal components through various interventions, he is getting annual income of Rs. 845000. He is an innovative farmer devised an instrument to take out the single eye bud from sugarcane setts.



Self designed equipment for single eye bud extraction by farmer



Farmer at his marigold farm in Buy back contract for Marigold crop



Name of farmer: Mallappa Golli

Address: Benakanavari

Age: 41

Education: SSLC

Size of land holding (in acre): 1.32 & 1 lease

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut (TMV-2)	0.5	3.90	21645	11933
Field Crop 2	Onion weed Management	1	13.00	52000	19450
Livestock 1	Cow	6	200	60000	20000
Livestock 2	Goat(kids)	60	30	90000	60000
Total				223645	111383

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Groundnut (TMV-2)	0.5	4.40	24420	14708	12.8	23.3
Field Crop 2	Cotton (Seed production)	0.3	2.5	85000	65000	>100	>100
Field Crop 3	Sugarcane	1	45	112500	82500	>100	>100
Hort. Crop 1	Onion (weed Management)	1	17.00	68000	39000	30.8	100.5
Livestock 1	Cow (Heifers)	4	0	0	0	0	0
Livestock 2	Buffalo	1	6	54000	29000	0	0
Livestock 3	Goat	6	3	20000	15000	0	-75
Other enterprise (Specify)	* Leased amount @ 15000/ac deducted from net income (1 ac)				-15000		
Total				363920	245208		120.2

Brief: The farmer used to get annual income of **Rs. 111383** from Groundnut, Cotton, Sugarcane, Onion, etc. He faced problems like variety giving less yield, weed management, etc. With DFI interventions like **Introduction of high yielding varieties (Dh-256) and pre & post emergent weed management through FLDs, use of bio-agents, advisories on crop production and trainings.** He is getting annual income of **Rs 245208**.



FLD: Demonstration of high yielding Variety Groundnut (Dh-256) with Check variety TMV-2,



Onion drying, Under FLD-Weed management in Onion



Name of farmer: Venkatesh
 Address: Kaladagi
 Age: 31
 Education: BBA
 Size of land holding (in acre): 5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Papaya	3	300	120000	70000
Hort. Crop 2	Pomegranate	2	80	320000	170000
Total				440000	240000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Papaya	3	350	210000	170000	16.66	142.85
Hort. Crop 2	Pomegranate	2	100	600000	480000	25.00	182.35
Total				810000	650000		170.8

Brief: The farmer used to get annual income of Rs. 240000 from papaya and pomegranate. He faced problems like papaya foot rot, papaya ring spot disease, pomegranate bacterial blight, wilt, fruit sucking moth etc. With DFI interventions like **integrated disease management in papaya and pomegranate, use of solar light traps for management of fruit sucking moth and use of bioagents trichodrma, pseudomonas for disease management etc.**, he is getting annual income of Rs.650000.



Farmer at his papaya field



Intercropping of papaya with pomegranate being practiced by farmer

Name of farmer: Jnaneshwar Mundinamani

Address: Kotekal

Age: 42

Education: PUC

Size of land holding (in acre): 6



1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	5	48	1,70,000	1,20,000
Field Crop 2	Maize	5	90	95,000	65,000
Hort. Crop 1	Gaillardia	0.5	15	30,000	25,000
Livestock 1	Goat rearing	4	5	20,000	6,000
Livestock 2	Fishery	2000	1000	20,000	5000
Total				3,35,000	2,21,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Bajra	5	105	58,000	53,000	>100	>100
Field Crop 2	Groundnut	9	300	260400	205400	525.0	71.2
Hort Crop 1	Gaillardia	0.5	15	40000	35000	0	40.0
Hort Crop 2	Sweet potato	0.5	20	25000	20000	>100	>100
Livestock 1	Goat rearing	18	24	1,50,000	1,15,000	380	1816
Livestock 2	Fishery	3000	1500	60,000	35,000	50	600
Total				5,58,400	4,63,400		109.7

Brief: The farmer used to get annual income of Rs.2,21,000 Groundnut, Maize, Gaillardia, Goat rearing, Fishery etc. He faced problems like Market price fluctuation, water scarcity, pest and diseases etc. With DFI interventions like drip irrigation, improved varieties, IPM practices etc., he is getting annual income of Rs 4,63,400. In addition, there is cost saving of Rs. 2,37,400 in the production of Bajra, Groundnut, Gaillardia, sweet potato, Goat rearing, fishery.



KVK team in farmer field where Bajra was grown



KVK team with Farmer in sweet potato field



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Shivanand Kori

Address: S/o, Ayyappa, House no 55 At/: Kalligudda Post: Aihole Tq:Hunagund, Dist; Bagalkote

Age: 33

Education: PUC

Size of land holding (in acre): 6.5 acre and leased 6.5 acre in 2020

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Onion	2	150	90000	30000
Field Crop 2	Bengal gram	2	7	28000	15000
Field Crop 3	Maize	1.5	35	42000	26000
Field Crop 4	Sorghum	1.5	8	17600	9200
Field Crop 5	Sugarcane	3	1300	299000	159000
Livestock	Buffalo	3	2700	81000	52000
Livestock	Heifers	3	3	105000	105000
Total				662600	396200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income	Production	Income
Forest. Crop 1	Mahagani+	1 + 0.5 + 0.5 + 0.5 + 0.5+0.5	--	expected 50000 per acre 2022 onwards		>100	>100
	sandalwood+		--				
	Guava		60	300000	200000	>100	>100
	Curry leaves+		1.2	120000	80000	>100	>100
	Tomato		80	80000	48000	>100	>100
	Marigold	50	40000	30000	>100	>100	
Hort. Crop 1	Shatavari+	0.5 + 0.5 + 0.5 + 0.5	33	60000	30000	>100	>100
	Beetroot		20	40000	29000	>100	>100
	Onion		17.5	35000	18000	-88.3	-40.0
	Chilli		2.5	45000	27000	>100	>100
Field crop.1	Sugarcane	3.5	1575	409500	265000	21.2	66.7
Field crop. 2	Maize	4	84	126000	66000	140.0	153.9
Hort. Crop 2	Chilli	2.5	15	270000	180000	>100	>100
Other enterprise	Leased amount deducted from Net income (6.5 ac x 12000)				-78000		
Total				1525500	956000		138.7

Brief: The farmer used to get annual income of Rs. **396200** from above mentioned field crops, horti. Crops etc. He faced problems of monocropping, fluctuations in the market, lack of quality seedlings and planting material and high cost of inputs,etc. **With DFI interventions, regular consultancy, Marketing information and establishment of nursery he is getting annual income of Rs. 956000**



KVK team with farmer's field intercropping system of marigold, guava , mahagani and curryleaf



Intercropping of onion in mahagani at farmer's field



Farmers with his guava farm , proudly showing his produce



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Nagappa Walikar

Address: S/O, Hanamappa, At/post; Honnakatti,
Tq& Dist; Bagalkote

Age: 41

Education: 3

Size of land holding (in acre): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	720	144000	64000
Field Crop 2	Maize	1	17.5	19250	10000
Field crop3	Sorghum (R)	1	5	10000	5000
Field crops 4	Bengalgram (R)	1	4	16400	8950
Hort. Crop 1	Onion	1	60	54000	24000
Livestock 1	Buffalo	1	600	18000	12000
Total				261650	123950

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Sugarcane	2	840	201600	126892	16.66	98.27
Field Crop 2	Greengram	1	4	16000	7500	>100	>100
Field Crop 2	Maize	1	23	37950	23208	31.42	132.08
Hort. Crop 1	Sorghum (R)	1	6	18900	10500	20	110
Hort. Crop 2	Groundnut (R)	1	15	84000	48000	>100	>100
Livestock 1	Goat	10	6	31000	25000	>100	>100
Livestock 2	Buffalo	2	2400	96000	75000	>100	525
	Heifers	1	-	12000	8000		
Other enterprise	Poultry (chicks)	20	400	8000	7000	>100	>100
Total				505450	331100		167.2

Brief: The farmer used to get annual income of Rs. 123950 from above mentioned field crops, horti. Crops and livestock etc. He faced problems like , Root grub in sugarcane, FAW maize and sorghum etc. With DFI interventions like **Root grub and Nutrient Mgt in sugarcane** , **FAW Mgt. in Maize and Sorghum**, **Backyard poultry**, **Skill Training**, regular consultancy etc., he is getting annual income of Rs. 331100.



OFT on Assessment of different bio agents for Rootgrub management in Sugarcane



OFT implemented by KVK Bagalkote On Backyard Poultry



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Suresh Naragund

Address: S/O, Vithalappa, #50 At/post: Honnakatti, Tq&Dist: Bagalkote

Age: 45

Education: 2

Size of land holding (in acre): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1	18	20700	8700
Field Crop 2	Sugarcane	1	380	83600	46000
Field crop3	Sorghum	1	4.0	9600	4800
Hort. Crop 1	Onion	2	170	153000	65000
Livestock 1	Buffalo	1	750	18750	10000
Total		4		285650	134500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Maize	1	22.5	37125	18296	25	110.3
Field Crop 2	Sugarcane	2	800	192000	123292	110.5	168.0
Field crop3	Sorghum	1	5	16000	10676	25	122.4
Hort. Crop 1	Onion	1	60	156000	62000	-64.7	-4.6
Livestock 1	Buffalo	2	1800	72000	45000	140	350
Livestock 2	Cow	1	2400	72000	37000	>100	>100
Other enterprise	Goat (kids)	4	2	16000	10000	>100	>100
Total		4		561125	306264		127.70

Brief: The farmer used to get annual income of Rs. **134500** from Agriculture, Horticulture & Animal husbandry. He faced problems like Rootgrub and Fall armyworm and onion twisting foliar diseases etc. With DFI interventions like **Root grub Management in Sugarcane and Insitu decomposition of trash, and Onion disease man agent guidance and also suggested to include animal components like dairy, goat unit etc.,** he is getting annual income of Rs **306264**



FLD on Fall armyworm Management in Maize



FLD on Integrated Root grub management in sugarcane



Name of farmer: Shivanand Erayya Bagalkotmath

Address: Mudhol

Age: 75

Education: SSLC

Size of land holding (in acre): 6 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4	2400	528000	288000
Field Crop 2	Maize	2	40	48000	35000
Total				576000	323000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1	650	1,45,000	75,000	-72.9	-73.96
Field Crop 2	Maize	1	31	37,200	22000	-22.5	-37.14
Hort. Crop 1	Banana (G9) for Export	4	1300	1700000	1275500	>100	>100
Total				1882200	1372500		324.9

Brief: The farmer used to get annual gross income of Rs.323300 from sugarcane, Maize etc. He faced problems like monocropping, reduced soil fertility, pest and disease etc. With DFI interventions like Banana under drip irrigation, use of organic fertilizers, need based chemical fertilizer and pesticide usage etc., he is getting annual income of Rs. 13,72,500 In addition, there is cost saving of Rs. 1074000 in the production of sugarcane, maize and banana



Shri Shivanand Erayya in Banana field



Post harvest operations like dipping of banana hands for disinfection, cleaning, vacuum packing in ventilated boxes



Name of farmer: Ramesh Prakash Gurau

Address: Chimmad

Age: 23

Education: BA

Size of land holding (in acre): 8 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Dicoccum Wheat	1	12	14400	9400
Hort. Crop 1	Turmeric	2	30	240000	120000
Hort. Crop 2	Marigold	1	80	280000	200000
Livestock 1	Buffalo	4	1200	36000	20000
Livestock 2	Cow	3	900	22500	15000
Total				592900	364400

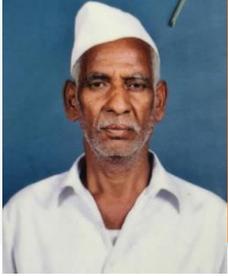
2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Dicoccum Wheat	1	12	14400	9400	0	--
Field Crop 2	Sugarcane	4	2000	500000	480000	>100	>100
Hort. Crop 1	Turmeric	2	35	280000	200000	16.67	66.67
Hort. Crop 2	Marigold	1	100	350000	270000	25	35
Livestock 1	Buffalo	2	900	27000	15000	-25	-25
Livestock 2	Cow	2	600	15000	9000	-33.3	-40
Livestock 3	Goat	4	-	12000	10000	>100	>100
Total				1198400	993400		172.6

Brief: The farmer used to get annual income of Rs.364400 from turmeric, marigold and dicoccum wheat etc. He faced problems like disease management etc. With DFI interventions like management of rhizome rot in turmeric, alternaria blight in marigold and use of bioagents trichodrma, pseudomonas for disease management etc., he is getting annual income of Rs. 993400. In addition, there is cost saving of Rs. 20000 in IDM practices of Turmeric and Rs. 5000 in IDM practices in marigold and 25000 through production of vermicompost



turmeric intercropped with maize



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Parasappa Havaladar

Address: S/O, Rukmoji, At/post; Honnakatti, Tq& Dist; Bagalkote

Age: 60

Education: 1

Size of land holding (in acre): 4.57

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	770	154000	84000
Field Crop 2	Maize	1	16	19200	10955
Field crop3	Sorghum	1	4.5	9450	4980
Field Crop 4	Bajra	0.57	4	8000	4200
Hort. Crop 1	onion	1	62	62000	24000
Livestock 1	Buffalo	4	2400	72000	46000
Livestock 2	Cow	2	600	18000	12000
Livestock 3	Goat (kids)	3	4	16000	12000
Total		4.57		358650	198135

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.5	1250	300000	206115	29.87	145.38
Field Crop 2	Maize	1	4	27500	11615	-75	6.02
Field Crop 3	Groundnut	1.5	17	93500	48500	>100	>100
Hort. Crop 1	Onion	1	60	120000	40000	-3.22	66.67
Livestock 1	Goat	4	6	30000	25000	200	87.5
Livestock 2	Buffalo	4	3600	144000	65000	50	41.30
Other enterprise (Specify)	Cow	2	1200	36000	25000	>100	108.33
Total				751000	421230		112.6%

Brief: The farmer used to get annual income of Rs. 198135 from above mentioned field crops, horti. Crops and livestock etc. He faced problems like , Rootgrub in sugarcane, FAW maize and sorghum etc. With DFI interventions like Rootgrub and Nutrients Mgt in sugarcane , FAW Mgt. in Maize and Sorghum, Training, regular consultancy etc., he is getting annual income of Rs 421230.



FLD on Root grub management in sugarcane



FLD on FAW Management in Maize



Name of farmer: Sunita Manohar Meti

Address: Sunita Manohar Meti, Sunag Cross, Bilagi taluka, NH 218

Age: 39 yrs

Education: PUC Arts

Size of land holding (in acre): 3.12

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	550	198000	138000
Hort. Crop 1	Turmeric	0.5	10	8000	50000
Hort. Crop 2	Coconut	25	1250	6250	4000
Hort. Crop 3	Drumstick	0.325	20000	20000	10000
Livestock 1	01 cow	1	600	4000	2500
Total				348250	204500

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)	production	income
Field Crop 1	Sweet corn	0.25	10	12000	10000	>100	>100
Field Crop 2	Ragi (flour)	0.5	3	20000	12000	>100	>100
Field Crop 3	Sugarcane	1	620	167400	155000	9	12.3
Field Crop 4	Groundnut	1	5	27500	20000	>100	>100
Hort crops1	250 banana	0.5	210	130000	100000	>100	>100
Hort crops2	Turmeric	0.5	14	140000	115000	40	130
Hort crops3	Coconut trees	25	2000	20000	18000	60	350
Livestock1	Cow	5	4800	64000	45000	>100	1700
Livestock2	Buffalo	1	900	27000	20000	>100	>100
Livestock3	Sheep	4	-	40000	30000	>100	>100
	G. Nut shelling		2	15000	14000	>100	>100
Forestry	teak	50	-	40000	30000	>100	>100
Total				694900	569000		178.2

Brief: The farmer used to get annual income of Rs. **204500** from sugarcane, turmeric, Drumstick, buffaloes etc. She faced problems like grub, low price, high cost of fertilizer etc. With DFI interventions like organic cultivation, crop diversification, introduction of animal component, vegetables etc., she is getting annual income of Rs **569000**. In addition, there is cost saving of Rs. 60000 from organic inputs use, 24000 from turmeric seeds and 35000 from Banana rhizome (Planting material) and value addition to ragi, turmeric, direct marketing of farm produce at the farm gate.





Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Dhareppa Kittur

Address: Mr. Dhareppa Kittur, , Teradal, Rabakavi Banahatti, Bagalkote, Karnataka

Age: 53 yrs

Education: PUC

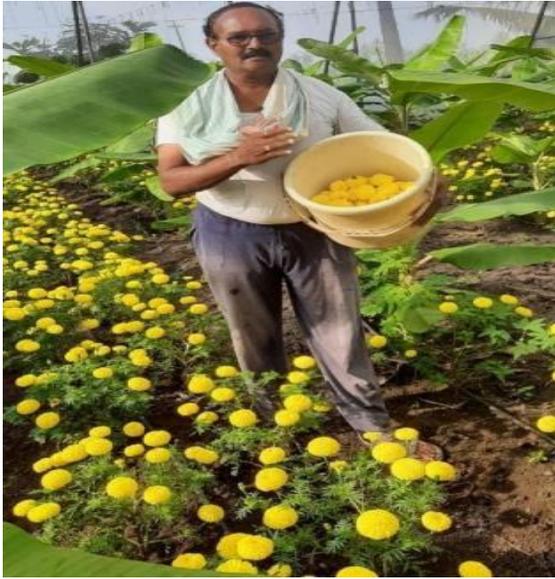
Size of land holding (in acre): 18

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	12	4800	960000	619000
Hort. Crop 1	Turmeric	1	20	400000	300000
	Maize	1	25	25000	18000
Hort. Crop 2	Dicoccum wheat	2	30	60000	45000
Hort. Crop 3	Wheat	1	10	40000	28000
Hort. Crop 4	Cows Gir	4	4800	210000	100000
Livestock 1	Buffalo	2	1920	75000	50000
Other enterprises	Intercrops in sugarcane	12	25	300000	250000
Total			Total	2070000	1410000

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	8	5600	1680000	1440000	75	118.18
Field Crop 2	Maize	1	25	37500	22500	-	25
Field Crop 3	Dicoccum wheat	2	30	90000	60000	-	33.33
Field Crop 4	Wheat	1	10	30000	15000	-	-46.43
Field Crop 5	Intercrops	4	16	80000	50000	>100	>100
Hort crops1	Turmeric	1	22	400000	280000	10	-6.67
Hort crops2	Rajapur Banana	1.5	200	400000	250000	>100	>100
Hort crops3	Yalakki banana	1	140	420000	300000	>100	>100
Hort crops3	Coconut	30	3000	30000	25000	>100	>100
Hort crops4	Multicropping	0.4	1	10000	8000	>100	>100
Livestock1	Cows Gir	6	1000	250000	150000	>100	50
Livestock2	Buffalo	3	6000	120000	70000	50	40
Other enterprises	Mulberry	1	4	198000	150000	>100	>100
Total				3745500	2820500		100

Brief: The farmer used to get annual income of Rs. 1410000 from Sugarcane, Turmeric and value addition to turmeric, dicoccum wheat and wheat, from the sale of milk and ghee and intercrops in sugarcane. He faced problems like grub, low price, high cost of fertilizer etc. **With DFI interventions like crop protection, crop diversification, introduction of animal component, vegetables , multicropping system** etc., He is getting annual income of Rs **2820500**. In addition, there is cost saving of Rs. 150000 from the use of organic, 30000 from turmeric seeds and 40000 from Banana rhizome (Planting material) adding value to majority of the produce he cultivates.



Dhareppa Kittur with Banana and marigold intercrop cultivated under net



Dhareppa Kittur with multicrop system plot with various crops



Effect of DFI intervention

Name of KVK: KVK Bagalkote

Name of farmer: Basappa Giraganvi

Address: Mareguddier :, Jamkhandi

Age: 47

Education: BA

Size of land holding (in acre): 25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	6	2700	621000	441000
Field Crop 2	Maize	5	100	80000	45000
Field Crop 3	Sunflower	2	12	42000	30000
Field Crop 4	Wheat	2	20	50000	40000
Field Crop 5	D Wheat	3	60	150000	120000
Field Crop 6	G Nut	1	10	30000	18000
Field Crop 7	Sunflower	2	12	42000	30000
Hort. Crop 1	Turmeric	0.5	10	62000	37000
Hort. Crop 3	Marigold	1.5	60	48000	35000
Hort. Crop 4	Watermelon	1.5	450	225000	180000
Hort. Crop 5	Banana	5	450	550000	300000
Animal component I	Cows	3	1800	45000	25000
Total				1945000	1301000



Basavaraj Giranavi with his sunflower crop



Basavaraj Giranavi at his sugarcane crop intercropped with green manuring crop

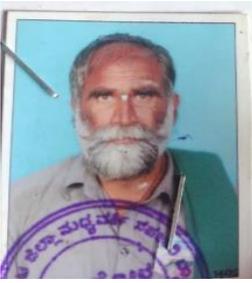


Basavaraj Giranavi at his watermelon crop

2) Status in 2020

Component Description		Benchmark (Baseline period 2020-21)				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net income	production	income
Field Crop 1	Sugarcane	10	950	2375000	2075000	100	370.52
Field Crop 2	Maize	5	130	195000	150000	30	233.33
Field Crop 3	Sunflower	2	12	54000	44000	-	46.66
Field Crop 4	Wheat	2	20	50000	45000	-	12.50
Field Crop 5	D Wheat	3	60	150000	130000	-	8.33
Field Crop 6	G Nut	1	10	30000	18000	-	0
Field Crop 7	Chickpea	1	6	30000	20000	>100	>100
Field Crop 8	Sunflower	2	12	42000	35000	-	16
Field Crop 9	Sweet corn (intercrop)	2	140	100000	65000	>100	>100
Hort. Crop 1	Turmeric	0.5	12	75000	50000	20	35.14
Hort. Crop 3	Marigold	2	200	200000	175000	150	400
Hort. Crop 4	Watermelon	1.5	450	260000	220000	-	22
Hort. Crop 5	Tomato	0.5	4	26000	20000	>100	>100
Hort. Crop 6	Beans	0.5	2	18000	15000	>100	>100
Hort. Crop 7	Sweet potato	0.75	6	6000	5000	>100	>100
Livestock 1	Cow	3	1800	45000	25000	-	-
Livestock 2	Heifers	3		12000	10000	>100	>100
Livestock 3	Male calf	1		25000	20000	>100	>100
Total				3693000	3122000		139.97

Brief: The farmer used to get annual income of Rs. **1301000** from Sugarcane, Maize, and other crop during 2017-18. He faced problems like high cost on fertilizers and lack of green manuring methods and advanced agronomic methods of cultivation. He mainly practiced green manuring in sugarcane, intercropping in sugarcane, crop diversification in sugarcane, mechanization in all the field crops market rate fluctuations and labour etc. With DFI interventions like Crop Diversification, green manuring and advanced agronomic methods in field crops and mechanization etc., he is getting annual income of Rs **3122000**. He is also a district best farmer recipient by UAS Dharwad. Additional income from sale of Heifers and Male calf is Rs.37000.



Name of farmer : Rangappa Naik

Address: Marikatti, Mudhol Tq

Age:60

Education: Nil

Size of land holding (in acre): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1	80	176000	109000
Field Crop 2	Maize	5	100	100000	60,000
Livestock 1	Buffalo	2	1200	32400	20000
Total				308400	189000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1	850	233750	150000	6.25	36.36
Field Crop 2	Maize	4	150	210000	140000	>100	133.33
Hort. Crop 1	Marigold	1	100	100000	60000	>100	>100
Livestock 1	Buffalo	2	1500	48000	28000	25	40
Total				591750	3,78,000		100

Brief: The farmer used to get annual income of Rs. 189000 from Sugarcane, Maize, Buffalo etc. He faced problems like market rate fluctuations and labour etc. With DFI interventions like Crop Diversification, good quality seed usage, micronutrient management etc., he is getting annual income of Rs 378000.



Maize Crop



Marigold Crop



Name of farmer: Gundappa Venkappa Halli

Address: Kundargi

Age: 71

Education: BA

Size of land holding (in acre): 7.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Lime	2	400	3,00,000	2,00,000
Hort. Crop 2	Banana	2	400	2,50,000	2,00,000
Hort. Crop 3	pomegranate	1	160	4,00,000	3,00,000
Hort. Crop 4	Sapota	2	200	1,75,000	1,50,000
Livestock 1	Cow	10	3050	80,000	50,000
Other enterprise (Specify)	Mulberry for sericulture	0.5	12	3,50,000	2,50,000
Total		7.5		15,55,000	11,50,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Lime	1	350	4,50,000	3,50,000	75	75
Hort. Crop 2	Banana	2	800	6,00,000	5,00,000	>100	150
Hort. Crop 3	Papaya	2	800	8,00,000	7,00,000	>100	>100
Hort. Crop 4	Guava	0.5	5	70,000	50,000	>100	>100
Livestock 1	Cows	11	3660	1,09,800	69,800	20	39.6
Other enterprise (Specify)	Mulberry for sericulture	2	25	9,00,000	7,00,000	-47.9	180
Total		7.5		29,29,800	23,69,800		106.1

Brief: The farmer used to get annual income of Rs.11,50,000 from Lime, Banana, Pomegranate, Sapota, cow and sericulture etc. He faced problems like water scarcity, indiscriminate use of chemicals, etc. With DFI interventions like drip irrigation, organic farming, etc., he is getting annual income of Rs 23,69,800.



Enriching vermicompost with trichoderma for application in banana field



Lime grading at farm level



Name of farmer : Mallappa Malagan

Address: Mantur , Mudhol Tq

Age:55

Education:BA

Size of land holding (in acre):2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.5	50	99000	53000
Livestock 1	Buffalo	1	5	39500	19500
Livestock 2	Cattle	1	2	13800	8000
Total				152300	80500

2) Status in 2020

Component Description ¹⁰		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.5	90	225000	125000	80	127
Livestock 1	Buffalo	1	5	66000	36000	0	84
Total				291000	161000		100

Brief: The farmer used to get annual income of Rs. 80500 from Sugarcane, Buffalo etc. He faced problems like market rate fluctuations and labour etc. With DFI interventions like, **good quality seed usage, micronutrient management and Seed treatment** etc., he is getting annual income of Rs 161000.



Sugar cane Crop at farmer's field



Farmer's participation in group meeting



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Noorajan Roli

Address: C/O, Husen sab At/post; Murnal Tq& Dist;
Bagalkote

Age: 38

Education: 2

Size of land holding (in acre): 1.12 +11 acre lease

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4	1680	369600	209600
Field Crop 2	Pigeon pea+ Green gram	2.0 + 1.5	14 6	63000 25200	43000 16500
Field crop3	Foxtail Millet	1	10	16000	12000
Field crop4	Wheat	2	12	42000	30000
Field crop5	Dicoccum Wheat	2	8	52000	38000
Field crop6	Sorghum	2	8	16000	9500
Hort. Crop 1	Garlic	1.5	7.5	30000	23000
Hort. Crop 2	Marigold	1	55	44000	30000
Hort. Crop 3	Coconut	-	60	50000	45000
Livestock 1	Cow	1	900	27000	21000
Livestock 2	Buffalo	1	1200	42000	35000
Live stock 3	Sheep	-	20	130000	90000
Live stock 4	Goat	-	12	84000	65000
Live stock 5	Poultry	-	50	17500	15000
Lease amount Deducted from Net Income					-90000
Total		11		1008300	662100



Farmer at her ICM in Pigeon pea demo plot



Farmer at her rabi sorghum plot

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/L/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Sugarcane	5	2350	622750	422750	11.90	101.69
Field Crop 2	Pigeon pea+ Green gram	2	9 3	52200 18000	38000 12500	12.5 -12.28	-11.63- 24.24
Field crop3	Foxtail Millet	1	9	24300	18500	10	54.17
Field crop4	Wheat	4	32	99200	72000	33.33	140
Field crop5	Dicocum Wheat	5	30	160000	120000	50	215.79
Field crop6	Sorghum	2	9	26550	18500	12.5	94.74
Field crops 7	Maize	2+2	88	123200	92000	>100	>100
Hort. Crop 1	Garlic	1.5	9	40000	29000	20	26.09
Hort. Crop 2	Marrygold	1	70	56000	42000	27.27	40
Hort. Crop 3	Coconut		60	55000	50000	0	11.11
Livestock 1	Cow	3+1	1500	110000	86000	66.66	309.52
Livestock 2	Buffalo	2+1	1800	121000	98000	50	180
Live stock 3	Sheep	-	20	220000	170000	0	88.89
Live stock 4	Goat	-	20	180000	130000	66.66	>100
Live stock 5	Poultry		55	29250	25000	10	66.67
Lease amount deducted from net income (11x 9000)					-99000		
Total		12.5		1937450	1424250		115.1

Brief: The farmer women used to get annual income of Rs. 662100 from above mentioned field crops, horti. Crops and livestock etc. He faced problems like , Rootgrub in sugarcane, FAW maize and sorghum etc. **With DFI interventions like Rootgrub and Nutreint Mgt in sugarcane , FAW Mgt. in Maize and Sorghum, Backyard poultry, Training, exposure visit , regular consultancy etc.,** She is getting annual income of Rs. 1424250.



ICM in Marigold



ICM in Sugarcane



Name of farmer: Nagaraj Belligundi

Address: S/O, Bhimappa, At/post; Adagal Tq; Badami & Dist; Bagalkote

Age: 40

Education: 10

Size of land holding (in acre): 2.5 + 5.5 lease = 8 acre lease

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Bajra	5	35	35000	20000
Field Crop 2	Maize	3	54	59400	38000
Field crop3	Groundnut	8	56	235200	165000
Total				329600	223000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Bajra	1.5	15	21750	14750	42.85	-26.25
Field Crop 2	Maize	4	88	127600	77600	22.22	104.21
Field crop3	Groundnut	5.5	44	242000	132000	14.28	49.65
Hort. Crop 1	Pomegranate+	1 + 0.5 + 1	110	750000	470000	>100	-20
	Marigold+		35	28000	20000		
	Watermelon		80	46000	28000		
Livestock 1	Ram(Sheep)		6	48000	38000	>100	>100
Livestock 2	Goat		4	32000	25000	>100	>100
Total				1295350	805350		261.1

Brief: The farmer used to get annual income of Rs. 223000 from above mentioned field crops, etc. He faced problems like , Root grub and leaf minor in Groundnut, FAW maize and lack of awareness on horticulture crops, etc. With DFI interventions like **Root grub and Nutrient Mgt in Groundnut , FAW Mgt. in Maize and Bajra, Pomegranate, watermelon and marigold improved production technology Sheep and goat farming, Skill Trainings, regular consultancy** etc., he is getting annual income of Rs. 805350.



Farmer with his pomegranate orchard



Farmer at his maize farm well managed to overcome FAW problem



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Iranna Bandiwadder

Address: S/O, Sanna Hanamanthappa, At/post;
Kodihal Tq: Ilkal & Dist; Bagalkote

Age: 40

Education:

Size of land holding (in acre): 4 + 4 lease

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Bajra	4	20	18000	10000
Field Crop 2	Pigeon pea	2	8	33600	21000
Field crop3	Groundnut	2	8	33600	20000
Hort. Crop 1	Sapota+ Drumstick	0.5+0.5	20	20000	15000
			4	20000	15000
Hort. crop2	Brinjal	1	23	35000	20000
Horti.crops	Tomato+ Chilli	1	20	20000	14000
			6	10000	6000
Live stock1	Buffalo	5	1500	45000	32000
Livestock 2	Cow	2	1200	26400	22000
Livestock 2	Goat	-	10	55000	40000
Other enterprises		Lease amount deducted from Net income 4x10000			-40000
Total				316600	215000



Farmer at his Vegetable production Unit



Visit of surrounding farmers to vermicompost and vermiwash production



Animal components



Chilli + Tomato

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Bajra	2	12	17400	9500	20	-5
Field Crop 2	Pigeon pea	1	5.5	33000	21000	37.5	0
Field crop3	Groundnut	2	9	49500	25000	12.5	25
Hort. Crop 1	Sapota	1	32	50000	35000	6.66	133.33
Hort. Crop 2	Drumstick+mano+ coconut	0.5 + 0.5	250 20	60000	45000	25	200
Hort. crop2	Brinjal	1	30	40000	25000	30.43	42.86
Horti.crops	Tomato+Chilli	0.5 + 0.5	30 4	35000 15000	20000 10000	5 -33.33	42.86 66.67
Livestock 1	Cows & Heifers	12	7500	262500	190000	400	763.64
Manures	Vermicompost	1	160	100000	60000	>100	>100
	Vermiwash		500	25000	20000	>100	>100
	Earth worms		0.28	8400	7000	>100	>100
Value addition	Panchagavya	-1/2	100	12000	7000	>100	>100
	Vibhuti		1000	30000	10000	>100	>100
	Cow-arka		100	11000	8000	>100	100
	Cow dungsaop		500	15000	8500	>100	>100
Lease amount deducted from Net income 4x1200				-48000			
Total				763800	501000		133.02

Brief: The farmer women used to get annual income of Rs. 215000 from above mentioned field crops, horti. Crops and livestock etc. He faced problems like , Rootgrub and leaf minor in Groundnut,FAW maize and Bajra. Lack of awareness on composting and other organic input preparation etc. With DFI interventions like Rootgrub and Nutreint Mgt in groundnut , FAW Mgt. in Bajra, **Dairy, vermicomposting organic inputs preparation, Training, exposure visit , regular consultancy** etc., He is getting annual income of Rs. 501000.



Vermicompost and other organic solvent preparation



Name of farmer: Siddappa Hirekumbi

Address: S/O, Mudakappa At/post; Shirur Tq& Dist; Bagalkote

Age: 40

Education: MA

Size of land holding (in acre): 7+8 lease=15
and 19 acre in 2020

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Bajra	4	36	36000	20000
Field Crop 2	Maize	6	120	132000	92000
Field crop3	Sunflower	5	30	102000	65000
Field. Crop 1	Groundnut	15	120	480000	300000
Livestock 1	Buffalo	2	1200	36000	20000
Livestock 2	Goats	2	2	13000	10000
Livestock 3	Poultry	10	10	2500	2000
Lease amount deducted from Net income					-48000
Total				801500	509000

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Bajra	4	40	54000	40000	11.11	100
Field Crop 2	Maize	10	262	391428	265000	31	188.04
Field crop3	Sunflower	5	25	135000	80000	-16.66	23.08
Field. Crop 4	Groundnut	13	131	991520	780000	25.96	160
Field crops 5	Pigeon pea	4	15	90000	56000	>100	>100
Other enterprises	Lease amount deducted from Ne income 12 acre				84000	>100	>100
Total				1661948	1221000		139.8

Brief: The farmer used to get annual income of Rs. **509000** from above mentioned field crops, horti. Crops and livestock etc. He faced problems like, Lack of awareness about New groundnut varieties Root grub in Goundnut, FAW in maize etc. With DFI interventions like **Introducing High yielding groundnut varieties, Root grub and Nutrient Mgt in GN , FAW Mgt. in Maize , regular consultancy** etc., he is getting annual income of Rs **1221000.**



Farmer in his TS3-R Redgram



FAW managed Maize plot of farmer



Name of farmer: Basavaraj Jioji

Address: Honnakatti

Age: 38

Education: 7th Standard

Size of land holding (in acre): 12 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	3	54	1,80,000	100000
Hort. Crop 1	Grape	2	50	50,000	30,000
Hort. Crop 2	watermelon	6	480	2,00,000	100000
Hort. Crop 3	Betel vine	1	1000000	1,00,000	50,000
Total		12.0		5,30,000	2,80,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	3	48	80,000	50,000	>100	>100
Field Crop 2	Red gram	3	450	1,80,000	1,00,000	>100	>100
Hort Crop 1	Betelvine	1	2200000	2,50,000	1,50,000	120	200
Hort Crop 2	Marigold	1	120	2,30,000	1,50,000	>100	>100
Hort Crop 3	Cucumber	1	180	1,00,000	85,000	>100	>100
Hort Crop 4	Ridge gourd	1	90	1,00,000	75,000	>100	>100
Hort Crop 5	Tomato	2	120	90,000	60,000	>100	>100
Total		12.0		10,30,000	6,70,000		139.3

Brief: The farmer used to get annual income of Rs.2,80,000, etc. He faced problems like Market price fluctuation,, pest and diseases problem etc. With DFI interventions like improved varieties , pest and disease management practices etc., he is getting annual income of Rs. 6,70,000.



Farmer in his Red gram field



Farmer in his Maize field



Name of farmer: Lalsab Walikar

Address: Bommanagi

Age: 42

Education: Nil

Size of land holding (in acre): 4 acre 12 gunta and 8 acres on lease

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sunflower	3	280	86800	70000
Hort. Crop 1	Redgram	3	100	90000	60000
Hort. Crop 2	Banana	3	400	200000	150000
Hort. Crop 3	Onion	3	30	240000	150000
Livestock 1	Cow	2	3600	90000	60000
Livestock 2	Buffaloes	2	2400	108000	75000
Other enterprise (Specify)	Tractor	1	240	120000	85000
Total				934800	650000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sunflower	4	40	140000	100000	7.5	42.86
Field Crop 2	Sugarcane	4	2500	593750	450000	>100	>100
Hort. Crop 1	Banana	3	500	250000	200000	25	33.33
Hort. Crop 2	Onion	2	20	80000	45000	-33.3	-70
Livestock 1	Cow	2	3600	90000	60000	0	0
Livestock 2	Buffaloes	4	4800	144000	75000	50	900
Livestock 3	Fisheries	1	10000	750000	600000	>100	>100
Other enterprise	Tractor	1	240	168000	100000	40	17.65
Total				2215750	1630000		150.8

Brief: The farmer used to get annual income of Rs. 650000, etc. He faced problems like Market price fluctuation,, pest and diseases problem etc. With DFI interventions like improved varieties, crop diversification, livestock diversification , pest and disease management practices etc., he is getting annual income of Rs. **1630000**. He has been benefitted from the fisheries scheme and got the subsidy under Matsya Sampada



Farmer onion field



Farmer in Maize field



Name of farmer: Ningappa Yamunappa Rayappanavar

Address: Sokkanadagi

Age: 47

Education: SSLC

Size of land holding (in acre): 9 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Pomegranate	03	80	320000	100000
Hort. Crop 2	Lemon	02	10	75000	45000
Hort. Crop 2	Papaya	04	10	75000	45000
Livestock 1	Buffalo	03	4	72000	36000
Livestock 2	Cow	02	4	72000	36000
Total				614000	262000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	02	20	30000	20000	>100	>100
Field Crop 2	Pomegranate	03	120	960000	710000	66.66	-29
Hort. Crop 1	Lemon	02	300	150000	100000	70.00	122.22
Hort. Crop 2	Papaya	04	320	160000	100000	62.50	122.22
Livestock 1	Buffalo	03	4	72000	36000	0	0
Livestock 2	Cow	02	4	72000	36000	0	0
Total				1444000	1002000		282.44

Brief: The farmer used to get annual income of Rs. 262000 from pomegranate, lemon, papaya, etc. He faced problems like bacterial blight in pomegranate and lime etc. With DFI interventions like IDM in pomegranate and lime use of biogents like trichoderma and pseudomonas etc., he is getting annual income of Rs 1002000. In addition, there is cost saving of Rs. 50000 in the production of pomegranate.



Training on IDM in Pomegranate



Visit to Farmers Field



Name of farmer: Shrishail Meti

Address: Allapur S P

Age: 40

Education: SSLC

Size of land holding (in acre): 10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Chickpea	2	8	33000	27000
Field Crop 2	Sugarcane	3	1300	299000	200000
Field Crop 3	Jowar	1	5	9000	5000
Hort. Crop 2	Onion	3	100	74000	50000
Total				415000	282000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	5	2500	625000	500000	92.3	150
Field Crop 2	Foxtail millet	1	2	10000	8000	>100	>100
Field Crop 3	Greengram	1	3.0	18000	16000	>100	>100
Field Crop 4	urd	1	1.5	9000	7000	>100	>100
Field Crop 5	Chickpea	2	8	43000	35000	0	29.63
Field Crop 6	Groundnut	1	7	42000	35000	>100	>100
Hort. Crop 1	Bendi	0.5	2.5	35000	25000	>100	>100
Hort. Crop 2	Brinjal	0.5	45	35000	25000	>100	>100
Hort. Crop 3	Onion	2	50	11200	85000	-50	70
Total				828200	736000		161

Brief: The farmer used to get annual income of Rs. **282000** from sugarcane, chickpea, onion, etc. He faced problems like lack of marketing for sole crop, lack of diversification and marketing problems etc. With DFI **interventions like crop diversification, multicropping, intercropping, self marketing** etc., he is getting annual income of Rs 736000.



Training on IDM in Pomegranate



Farmer's participation in training at KVK



Name of farmer: Basavarj Shivappa Kadapatti

Address: Belagali, Mudhol (Tq)

Age: 63

Education: 8th

Size of land holding (in acre): 2ac + 2ac lease

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1.10	44	61600	51600
Hort. Crop 1	Marigold	0.20	50	50000	38000
Hort. Crop 1	Avare	0.10	1	32000	28800
Livestock 1	Cow	1	300	6600	3600
Livestock 2	Buffalo	1	600	21000	11000
Livestock 3	Goat	3	-	-	-
Total				171200	133000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize (<i>Kharif</i>)	1.0	40	72000	64000	0.0	24.0
Field Crop 2	Maize (<i>Rabi</i>)	1.0	30	49500	41500	>100	9.2
Field Crop 3	Wheat (DWR-162)	1.0	10	20000	14000	>100	>100
Field Crop 4	Sugarcane (CO-86032)	2.0	100	250000	200000	>100	>100
Hort. Crop 1	Marigold (<i>Kharif</i>)	1.0	85	85000	70000	-15.0	84.2
Livestock 1	Cow	1	300	7500	4500	0.0	25
Livestock 2	Buffalo	1	1200	48000	58000	>100	336.4
Livestock 3	Goat	4	6 (kids sold)	52000	32000	>100	>100
Other enterprise (Specify)	* Leased amount @ 15000/ac deducted from net income (2 ac)				-30000		
Total				584000	566000		325.6

Brief: The farmer used to get annual income of **Rs. 133000** from Maize, Sugarcane, Marigold, Wheat, Cow, Buffalo and Goat. He faced problems like variety giving less yield, weed & nutrient management, etc. With DFI interventions like **production technology for cultivation of sugarcane, wheat, maize, marigold, pre and post emergent weed management, nutrient management through advisory and trainings**. He is getting annual income of **Rs 566000**.



Hebbal Avare (HA-4)



Sugarcane (CO-86032)



Name of farmer: Basavaraj Gajjanavar

Address: S/O, Laxamappa At/post; Vantagodi Tq: Mudhol & Dist; Bagalkote

Age: 48

Education: M.Com

Size of land holding (in acre): 24

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	16	6400	1408000	934000
Field Crop 2	Maize	4	64	70400	46000
Field crop3	Wheat	2	12	28800	19000
Field. Crop 4	Bengalgram	2	6	24000	14000
Livestock 1	Cow	6	1800	45000	30000
Livestock 2	Goats	5		30000	20000
Total				1606200	1063000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	17	8500	2295000	1695000	25	81.48
Field Crop 2	Maize	4	82	110700	80000	28.12	73.91
Field crop3	Greengram	2	9	54000	38000	>100	>100
Field. Crop 4	Dicocum	4	39.2	196000	143000	>100	>100
Livestock 1	Cow	7	4500	157500	121500	150	305.00
Livestock 2	Heifers	3	3	120000	92000	>100	>100
Livestock 2	Goats	10	10	90000	70000	-	250
Livestock 3	Sheep	20	20	160000	130000	>100	>100
Livestock 4	Poultry	5	5	2500	2000	>100	>100
Total				3185700	2371500		123.09

Brief: The farmer used to get annual income of Rs1063000 from above mentioned field crops, horti. Crops and livestock etc. He faced problems like, Lak of awareness about high yielding Sugarcane varieties Root grub menace, FAW in maize etc. With DFI interventions like **Introducing High yielding sugarcane varieties, Root grub and Nutrient Mgt in Sugarcane , FAW Mgt. in Maize , regular consultancy etc.**, he is getting annual income of Rs. 2371500.



Farmer in his sugarcane field



Farmer in his mango nursery



Name of farmer: Ashok Arakeri

Address: S/O, Laxaman At/post; Gaddanakeri Tq&
Dist; Bagalkote

Age: 60

Education: Diploma Civil Engineering

Size of land holding (in acre): 14 acre Base year
and 17 during 2021

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	9	3780	831600	551600
Field Crop 2	Maize	2	36	39600	22000
Field crop3	Pigeon pea	1	3	13500	7500
Field. Crop 4	Sunflower	1	3	12000	7000
Field crops 5	Podder	1/2	150		
Field crops 6	Wheat	2	18	39500	28000
Field crops 7	D.wheat	2	12	38400	26500
Livestock 1	Cow	1	900	22500	15000
Total				997100	657600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	12	5880	1587600	1080000	16.66	22.72
Field Crop 2	Maize	2	44	68200	42500	37.5	40.90
Hort. crop1	Bittergaurd	1	100	200000	145000	>100	>100
Hort. Crop2	Bhendi	1/2	1.65	50000	32500	>100	>100
Hort. crop3	Cucumber	1/2	10	20000	12000	>100	>100
Hort. crop4	Leafy vegetable	1	5000	50000	38000	>100	>100
Livestock	Cow	1	900	28800	21000	-	28
Total				2004600	1371000		108.48

Brief: The farmer used to get annual income of Rs. **657600** from above mentioned field crops, horti. Crops and livestock etc. He faced problems like, Lack of awareness about New Sugarcane varieties Root grub infestation in groundnut,FAW in maize etc. With DFI interventions like Introducing **High yielding sugarcane varieties, Root grub and Nutrient Mgt in Sugarcane and maize, FAW Mgt. in Maize , Skill training, regular consultancy etc.**, he is getting annual income of Rs **1371000**.



Farmer at his bhendi plot



Farmer at his bittergourd plot



Name of farmer: Bhimappa Rangappa Pujar

Address: Jalageri

Age: 43

Education: BA

Size of land holding (in acre): 5.0 acre

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Lime	3	1,30,000	1,95,000	1,72,000
Hort. Crop 2	Guava	1	60	30,000	18,000
Hort. Crop 3	Coconut	1	300	90,000	80,000
Total		5.0		3,15,000	270000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort Crop 1	Lime	3	4,00,000	4,80,000	4,60,000	207.7	167.4
Hort Crop 2	Guava	1	70	30,000	20,000	16.6	11.1
Hort Crop 3	Coconut	1	300	1,00,000	90,000	0	12.5
Total		5.0		610000	570000		111.1

Brief: The farmer used to get annual income of Rs.2,70,000 from Lime, Guava and Coconut etc. He faced problems like Market price fluctuation, pest and diseases problem etc. With DFI interventions like FLD, trainings, Arka Citrus special, use of bioagents, pest and disease management practices etc., he is getting annual income of Rs. 5,70,000.



Farmer in Guava field



Farmer in Lime orchard



Name of farmer: Bibijan Lalsab Jalihal
Address: Chimmanakatti, Badami taluka, Kulageri
Age: 46 yrs
Education: 7th std
Size of land holding (in acre): 15.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	8	240	216000	81000
Hort. Crop 1	Lime	400	200000	200000	150000
Hort. Crop 2	Coconut	160	5950	35700	20000
Hort. Crop 3	Tamarind	40	120	30000	25000
Hort. Crop 4	Curry leaf	200	150	72000	68000
Livestock 1	Buffaloes	4	1200	36000	20000
Livestock 2	Cows	2	1200	30000	15000
Livestock 3	Goats	40	24	144000	114000
Livestock 4	Sheep	60	35	96000	75000
Other enterprises	Fodder crop	0.5	120	36000	25000
Total				895700	593000



Pit method on sugarcane cultivation at farmer's field



Different breeds of poultry birds at farmer's field

Brief: The farmer used to get annual income of Rs. **593000** from Maize, lime, drumstick and animal components etc. She faced problems lack of awareness on high yielding varieties, lack of marketing skills, high cost of fertilizer etc. With DFI interventions like introduction of animal components, self marketing and enhancing area under coconut, etc., she is getting annual income of Rs 1288500. He is also selling his produce on site, converting farm waste into organic manure, rearing various breeds of birds and sheep and goat, stall feeding method in sheep and goat, and has adopted mechanization in farming. She has also undertaken agro forestry ie. Teak, sandalwood, neem and acacia which also serve as fodder for sheep and goat.

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	8	320	216000	81000	0	0
Field Crop 2	Groundnut	2.25	40	180000	150000	>100	>100
Field Crop 3	Sugarcane	0.25	180	45000	38000	>100	>100
Hort. Crop 1	Lime	500	200000	250000	200000	0	33.33
Hort. Crop 2	Drumstick	15	75	8000	5000	>100	>100
Hort. Crop 3	Coconut	180	10000	60000	50000	68.06	150
Hort. Crop 4	Tamarind	40	120	50000	45000	0	80
Hort. Crop 5	Curry leaf	300	200	100000	75000	33.3	10.29
Hort. Crop 5	Mango	100	1	50000	40000	>100	>100
Livestock 1	Buffaloes	8	1200	72000	50000	0	150
Livestock 2	Cows	2	1200	30000	15000	0	0
Livestock 3	Goats	40	24	144000	114000	0	0
Livestock 4	Sheep	60	35	157500	150500	0	100.67
Livestock 5	Lamb	20	20	140000	100000	>100	>100
Livestock 6	Poultry	120	Rs. 185	222000	150000	>100	>100
Other enterprises	Fodder crop	0.5	120	36000	25000	0	0
Total				1760500	1288500		117.3



Different horticulture and agriculture crops at at farmer's field



Different breeds of sheep at farmer's field.



Name of farmer: Veerangaouda M Hosagoudar

Address: Agasankoppa, Badami taluka

Age: 44 yrs

Education: PUC II

Size of land holding (in acre): 50 ac (21 ac irrigation and 29 ac dryland)

1) Before intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	10	30	135000	95000
Field crop 2	Bajra	10	84	126000	95000
Field crop 3	Maize	10	150	135000	10000
Field crop 4	Redgram	2	6	27000	20000
Field crop 6	Wheat	1	6	15000	10000
Hort. Crop 1	Onion	4	80	300000	220000
Hort. Crop 3	Watermelon	2.50	400	800000	550000
Hort. Crop 4	Musk melon	2	100	150000	75000
Livestock 1	Goat	50	25	100000	80000
Livestock 2	Cows	10	3000	75000	40000
Livestock 3	Buffaloes	8	3600	108000	75000
Total				1971000	1270000



Farmer at his farm pond cum fish culture



Farmer at his pomegranate plot



Farmer at his goat farm

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Greengram	10	35	227500	200000	16.66	>100
Field crop 2	Bajra	10	48	144000	100000	-75	5.26
Field crop 3	Maize	10	250	375000	325000	66.67	3150
Field crop 4	Redgram	2	6	27000	20000	0	0
Field crop 5	Wheat	1	8	24000	20000	33.33	>100
Hort. Crop 1	Onion	5	350	875000	550000	337.5	-150
Hort. Crop 3	Watermelon	2.0	250	225000	200000	-40	-63.64
Hort. Crop 4	Papaya	6	1000	800000	425000	>100	>100
Hort. Crop 5	Musk melon	2	100	300000	220000	0	193.33
100%	100%	6	300	150000	100000	>100	>100
Livestock 1	Goat	50	35	175000	100000	40	25
Livestock 2	Poultry	100	300	90000	60000	>100	>100
Livestock 3	Cows	10	3600	112000	40000	>100	0
Livestock 4	Buffaloes	8	6000	180000	100000	66.67	33.33
Livestock 5	Fisheries	10,000	100	100000	80000	>100	>100
Total				3804500	2540000		100.0

Brief: The farmer used to get annual income of Rs. **1275000** from field crops, horticulture crops, animal components and vegetables etc. He faced problems like lack of crop diversification, awareness on high yielding varieties, lack of marketing skills, high cost of fertilizer etc. With DFI interventions like , introduction of high value crops, introduction of fisheries, sale at farm gate, etc., He is getting annual income of Rs **2540000**. He is also selling his produce on site, converting farm waste into organic manure, rearing khilari breed of cows, he is selling male calves. He has also undertaken plantation of coconut, guava, sugarcane, grapes which is diversification plan for future. For fisheries activity he has taken help of dept.



Name of farmer: Kumar Kakaraddi
Address: Hulageri village, Badami taluka
Age: 50 yr
Education: BA
Size of land holding (in acre): 25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	20	7000	1610000	100000
Field crop 2	Sorghum	05	25	625000	60000
Hort. Crop 1	Coconut trees	160	9000	90000	50000
Hort. Crop 2	Mango	150	-	50000	35000
Livestock 1	Buffaloes	3	900	27000	15000
Livestock 2	Goats	4	-	-	-
Total				2402000	260000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Greengram	4	16	64000	50000	>100	>100
Field Crop 2	Maize	1	30	54000	40000	>100	>100
Field Crop 3	Bajra	1	6	12000	8000	>100	>100
Field Crop 4	Sugarcane	12	7500	1875000	1500000	78.5	1400
Field Crop 5	Groundnut	2	30	150000	110000	>100	>100
Field Crop 6	Redgram	1	5	30000	20000	>100	>100
Hort crop 1	Onion	3.35	172	430000	375000	>100	>100
Hort Crop 2	Mango	150	-	75000	50000	-	42.86
Hort crops3	Coconut	160	3200	32000	25000	>100	-50
Livestock 1	Buffaloes	4	3000	90000	48000	233	220
Livestock 2	Cows	4	1600	40000	25000	>100	>100
Livestock 3	goats	4	4	16000	10000	>100	>100
Total				2868000	2261000		769.62

Brief: The farmer used to get annual income of Rs. **260000** from sugarcane and dairy etc. He faced problems like, sugarcane root grub, fluctuation in market price, low productivity in animals pest and diseases problem etc. With DFI interventions like training, consultancy for root grub management and organic cultivation practices, scientific dairy techniques etc., he is getting annual income of Rs. 2261000/-



Farmer in sugarcane field



Farmer in maize field

Effect of DFI intervention



Name of farmer: Dongrisab Badesab Pinjar
Address: Girisagar, Tq: Bilagi
Age: 34
Education: PUC
Size of land holding (in acre): 2.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	750	2,00,000	1,60,000
Livestock 1	Buffalo	2	2440	58,560	38,560
Total				258560	198560

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort Crop 1	Banana	2.0	430	6,80,000	5,30,000	>100	>100
Hort Crop 2	Onion	1.0	260	52,000	32,000	>100	>100
Livestock 1	Buffalo	3	3660	87,840	67,840	50.0	75.93
Total				8,19,840	629840		217.2

Brief: The farmer used to get annual income of Rs.1,98,560 from sugarcane and dairy etc. He faced problems like, sugarcane root grub, pest and diseases problem etc. With DFI interventions like training, consultancy for root grub management and organic cultivation practices, scientific dairy techniques etc., he is getting annual income of Rs. 6,29,840/-



Farmer in sugarcane field



Farmer with organic banana bunch and loading and transportation



Name of farmer: Mahantesh Dalin

Address: Amblikoppa, Huanagund

Age: 38 yrs

Education: 10th

Size of land holding (in acre): 14

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	14	6000	1320000	920000
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	4	2000	500000	340000	-66.7	-63.0
Hort crop 1	Guava	10	480	1200000	900000	>100	>100
Hort crop 2	Watermelon	1.5	600	500000	350000	>100	>100
	Chilli	2.5	30	300000	210000	>100	>100
Hort crop 3	Drumstick	1	4	200000	150000	>100	>100
Hort crop 4	Cabbage+ Tomato	0.5+0.25+ 0.25	500	200000	135000	>100	>100
Total				2900000	2085000		126.6

Brief: The farmer used to get annual income of Rs. 920000 from sugarcane. He faced problems like monocropping, high cost on fertilizers, water scarcity, pest and disease. With DFI interventions like introduction of crop diversity, change in the cropping system, market intervention helped him to get income of Rs **2085000**. He is also having agro forestry unit, fisheries unit, and expanded horticulture components which is going to be included in the current years cropping system. He is selling his produce in the vehicles purchased by him for marketing .



Mahantesh in his drumstick field



Mahantesh in his mixed cropping field



Name of farmer: Mahaling Rawal
Address: Mahalingpur, Rabakavi-Banahatti
Age: 32 yrs
Education: Diploma
Size of land holding (in acre): 5.30 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4	1600	320000	227000
Hort crop 1	Turmeric	1.0	15	18000	15000
Livestock 1	Buffaloe	1	900	27000	18000
Total				365000	260000

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	5	2500	625000	500000	40	>100
Field Crop 1	Maize	4	1000	150000	110000	>100	>100
Hort crop 1	Turmeric	1.0	21	18000	15000	87.5	0
Livestock 1	Buffalo	1	1350	47250	30000	50	66.67
Total				840250	655000		151.9

Brief: The farmer used to get annual income of Rs. 260000 from sugarcane, turmeric and dairy unit. He faced problems like monocropping, high cost on fertilizers, low yield in milk and no crop diversification. With DFI interventions like introduction of intercrop in sugarcane and reduction in cost of fertilizers, increase in milk, he is getting annual income of Rs 655000.



Luxuriant sugarcane crop of farmer



Turmeric crop of the farmer Rawal



Name of farmer: Basappa Konnur
Address: Ranna Belagali, Mudhol, Bagalkote
Age: 50 yrs
Education: 4th std
Size of land holding (in acre): 10 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	8	2800	616000	316000
Hort crop 1	Turmeric	2	40	260000	120000
Livestock 1	Goat	2	-	12000	8000
Other enterprise					
Total				888000	444000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	7	3500	875000	600000	42.85	89
Hort crop 1	Turmeric	3	62	465000	515000	50	15
Livestock 1	Goat	2	4 kids	24000	20000	200	200
Other enterprise							
Total				1364000	1135000		155.6

Brief: The farmer used to get annual income of Rs. 444000 from sugarcane,, turmeric and a goat unit. He faced problems like grub, lack of latest varieties, and disease mangement in turmeric, high cost of fertilizers with DFI interventions like high yielding varieties,disease management in turmeric and consultancy on crop production technologies, he is getting annual income of Rs 1135000.



Root grub management in sugarcane



Turmeric crop field of farm



Name of farmer: Muttappa Kankanawadi

Address: Hosur, Jamakhandi

Age: 68 yrs

Education: 3rd std

Size of land holding (in acre): 3 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	1000	220000	150000
Hort crop 1	Turmeric	1	25	200000	140000
Hort crop 2	Vegetables	1	20	48000	38000
Livestock 1	Cow	10	8571	214275	108000
Total				682275	436000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	3	2400	600000	450000	60	200
Hort crop 1	Vegetables	2	60	168000	108000	>100	184
Livestock 1	Cow	10	21428	535700	330000	150	205
Livestock 1	Fisheries	1		140000	105000	>100	>100
Total				1443700	993000		127

Brief: The farmer used to get annual income of Rs. 436000 from sugarcane,, turmeric and a dairy unit. He faced problems like low yield, lack of diversification, disease outbreak in turmeric, high cost of fertilizers with DFI interventions like crop diversification , clean milk production, introduction of high yielding varieties of vegetables through FLD and consultancy on crop production technologies, he is getting annual income of Rs 993000.



Director ATARI visit to Farmer's field



KVK team visit to farmer's field

Name of farmer: Basappa Bellubbi

Address: Chikkalagi

Age: 27yrs

Education: 8th std

Size of land holding (in acre): 6 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	800	176000	125000
Field Crop 2	Maize	1	25	25000	15000
Hort Crop 2	Grapes	3	200	300000	200000
Total				501000	340000

2) Status in 2020

Component Description		Benchmark (Baseline period 2020-21)				% increase over base year	
Component	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort Crop 1	Grapes	6	480	960000	800000	23	300
Livestock 1	Poultry	50	100	10000	8000	>100	>100
Livestock 2	Buffaloes	2	1500	45000	30000	>100	>100
Total				1015000	838000		146.5

Brief: The farmer used to get annual income of Rs. 340000 with sugarcane, maize and grape. He faced problems such as water non availability, pest and diseases in sugarcane and low productivity in maize, price fluctuations in sugarcane and maize. With DFI intervention like pest and disease management in grapes, exposure tour to other grape growing states, is getting annual income of Rs. 838000.



The farmer at his grapes farm with properly managed powdery mildew and downy mildew



The farmer at his sugarcane farm



Farmer:

Name : Rangappa Budni

Address: Amalzari

Age: 49 yrs

Education: BSc

Size of land holding (in acre): 17+ 4 ac(Lease)

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	5	2750	605000	450000
Field Crop 2	Maize	3	60	90000	65000
Field Crop 3	Groundnut	5	30	114000	67440
Field Crop 4	Chickpea	2	5	20000	15000
Field Crop 5	wheat	1	12	36000	28000
Field Crop 3	Dicoccum wheat	3	10	35000	30000
Livestock	Buffaloes	4	2000	60000	35000
Total				960000	690440

2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Component	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	6	3600	900000	700000	9.90	55.56
Field Crop 2	Maize	2	90	145000	125000	50	92.31
Field Crop 3	Groundnut	6	80	423000	360000	122.16	527.22
Hort crop 1	Pomegranate	4.5	120	719992	500000	>100	>100
Hort crop 2	Banana	3	360	549936	299936	>100	>100
Livestock 1	Buffaloes	10	3300	100000	55000	>100	57.14
Live stock 2	Goat	45	-	100000	75000	>100	>100
Total				2937928	2114936		206.31

Brief: The farmer used to get annual income of Rs. **690440** with sugarcane, maize and groundnut and other field crops. He faced problems such as water non availability, pest and diseases in sugarcane and low productivity in maize, fluctuations in sugarcane and maize. With DFI intervention like pest and disease management in crops, introduction of pomegranate and banana, and goat unit, he is getting annual income of Rs. **2114936**.



Farmer's grapes farm with properly managed powdery mildew and downy mildew



The farmer with his small poultry farm



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Sadashiv Takkalki Address: Gulabal village, Bagalkote

Age: 26 yrs

Education: BA

Size of land holding (in acre): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1	800	176000	125000
Hort Crop 2	Grapes	3	300	750000	500000
Total				926000	625000

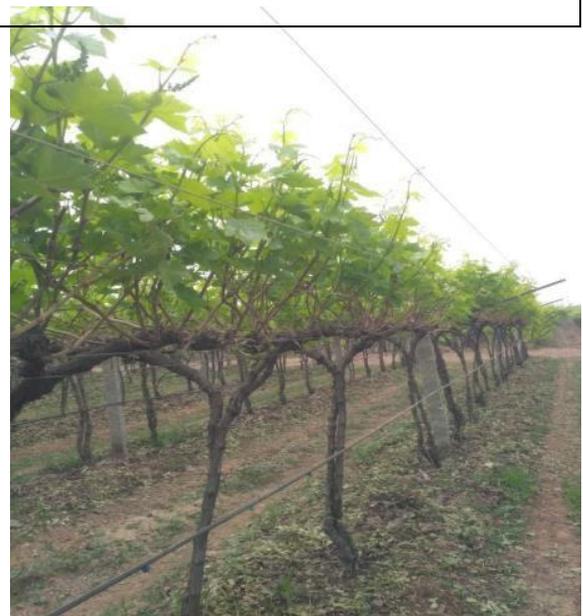
2) Status in 2020

Component Description		Benchmark (Baseline period 2020-21)				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Mulberry	1	5	200000	196000	>100	>100
Hort Crop 2	Grapes	3	450	2025000	1625000	33.3	225
Total				2225000	1821000		191.4

Brief: The farmer used to get annual income of Rs. 625000 with sugarcane and grapes, he faced problems in mulberry with regard to pest and diseases, and diseases in grapes. With DFI intervention like productivity enhancement in cocoon through newer breeds, tree method of feeding worms and disease management in silkworms he is getting annual income of Rs 1821000.



Grape field of the farmer at present season



Grape field of the farmer at present



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Sangappa Tuppad Address: Mangalgudda

Age: 50 yrs

Education: SSLC

Size of land holding (in acre): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea	1	1.5	7500	6000
Field Crop 2	Maize	1.5	20	20000	15000
Field Crop 3	Groundnut	1	15	45000	30000
Livestock 1	Buffaloes	1	2000	26000	18000
Livestock 2	Goat	1	-	-	-
Total				108500	69000

2) Status in 2020

Component Description0		Benchmark (Baseline period 2020-21)				% increase over base year	
Component	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Cotton seed	0.5	2.5	85000	58000	>100	>100
Field Crop 2	Cotton	0.5	1	9000	6000	>100	>100
Field Crop 3	Pigeon pea	0.5	1	6000	4000	50	-33.33
Field Crop 2	Maize	0.5	15	22500	15000	100	0
Field Crop 3	Groundnut	1	17	67500	45000	16	50
Livestock 1	Cow	2	1800	50000	30000	>100	>100
Livestock 2	Goat	1	2	8000	7000	>100	>100
Total				248000	165000		139%

Brief: The farmer used to get annual income of Rs. 69000 with maize, groundnut and pigeon pea, dairy. He faced problems low market prices, lack of diversity in cropping system and low productivity in maize due to FAW. With DFI intervention like pest and disease management in maize, introduction of new crop and buyback system for cotton seed and lint, skill training at KVK and frequent visits to KVK and attending trainings at their village organised by KVK he is getting annual income of Rs. 165000.



Visit to KVK scientists to farmers field KVK intervention on pigeon pea under CFLD



Visit to KVK scientists to farmers field KVK intervention on groundnut under CFLD



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Shankaralinga
 Address: Mangalgudda tq.Guledagudda
 Age: 32 yrs
 Education: PUC I
 Size of land holding (in acre): 9

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Bajra	3	15	15000	8000
Field Crop 2	Maize	5	70	70000	50000
Field Crop 3	Jowar	1	8	16000	30000
Field Crop 4	Groundnut	9	45	171000	85000
Livestock 1	Cow	1	1200	30000	10000
Total				302000	183000

2) Status in 2020

Component Description0		Benchmark (Baseline period 2020-21)				% increase over base year	
Component	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	5	125	187500	150000	78	200
Field Crop 2	Sunflower	4	12	36000	22000	>100	>100
Field Crop 3	Groundnut	2	15	67500	40000	50	-52.94
Field Crop 2	Pigeon pea	6	22	121000	101000	>100	>100
Livestock 1	Cow	1	1500	37500	12500	25	25
Livestock 2	Ox	2		75000	50000	>100	>100
Total				424500	375500		105.19

Brief: The farmer used to get annual income of Rs. 183000 with bajra, jowar, groundnut, maize and dairy. He faced problems low market prices, lack of diversity in cropping system and low productivity in maize due to FAW, pest and disease problem in groundnut and low productivity in cow. With DFI intervention like pest and disease management in maize, groundnut, introduction of new crop sunflower and increased milk productivity through advisory services he is getting annual income of Rs. 375500.



Farmer with maize germinated plot



Farmer with chickpea germinated plot



Name of farmer: Channappa Nandi

Address: S/O, Dundappa, At/post; Hireshellikeri

Tq& Dist; Bagalkote

Age: 50

Education: 7th

Size of land holding (in acre): 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Black gram	4	32	176000	128000
Field Crop 2	Dicocum Wheat	4	45	135000	100000
Horti crop 1	Chilli	1	4	52000	32000
Livestock 1	Buffalo	4	3000	78000	52000
Livestock 1	Cow	3	1200	24000	16000
	Heifer	2			
Total		5		465000	328000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	4	2200	594000	440000	>100	>100
Hort. Crop 1	Banana	1	40	70000	35000	>100	>100
Fodder crop	Napier grass	1	230	-	-	>100	>100
Livestock 1	Cow	3	1500	45000	25000	25	56.25
	Bulls	2	-	50000	32000	100	100
Livestock 2	Buffalo	4	3600	162000	120000	20	130.77
	Heifers	2		4000	8000	>100	>100
Other enterprise	Lease amount deducted from Net income 1 x 8000				8000		
Total				925000	660000		101.2

Brief: The farmer used to get annual income of Rs. 328000 from above mentioned field crops, horti. Crops and livestock etc. He faced problems like , Root grub in Sugarcane, Nutritional management in Live stock etc. With DFI interventions like **Rootgrub and Nutrient Mgt in sugarcane** , improved nutritional status of animals regular consultancy etc., he is getting annual income of Rs 660000.



Banana



Sugarcane



Dairy unit



Name of farmer: Satyappa Dalawayi

Address: S/O, Fakkirappa, At/post; Benakanawari

Tq Hunagund & **Dist;** Bagalkote

Age: 46

Education: 7th

Size of land holding (in acre): 10

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	8	3440	688000	408000
Field Crop 2	Maize	2	38	41800	26700
Field crop 3	Groundnut	2	14	56000	30000
Livestock 1	Buffalo	2	1200	30000	20000
Livestock 1	Cow	2	600	12000	8000
Total		10		827800	492700

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	8	4400	1188000	808000	27.90	98.04
Field Crop 2	Cotton(Seed production)	2	8	288000	143000	>100	>100
Horti crop 3	Guava+ Groundnut	2	11.2	67200	40000	-20	20
Livestock 1	Buffalo	2	1500	67500	45000	25	125
	Heifer	1	1	25000	18000	>100	>100
Livestock 1	Cow	1	900	27000	22000	200	175
Total		10		1662700	1076000		118.38

Brief: The farmer used to get annual income of Rs. **492700** from above mentioned field crops and livestock etc. He faced problems like , Rootgrub in Sugarcane, Pest and disease problems in Groundnut Nutritional management in Live stock etc. With DFI interventions like **Rootgrub and Nutrient Mgt in sugarcane , Introduction of new groundnut varieties and Pest and disease management, improved nutritional status of animals regular consultancy etc.**, he is getting annual income of Rs **1076000**.



FLD on Rootgrub management in Sugarcane



Traps for management of fruit flies in guava



Name of farmer: Chandrashear Shiliyappanavar

Address: S/O, Krishnappa, At/post; Udagatti, Tq&

Dist; Bagalkote

Age: 52

Education: B.Com

Size of land holding (in acre): 18

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	9	3780	831600	580500
Field Crop 2	Maize	2	38	41800	25000
Field Crop 3	Bengalgram	2	7	28000	18000
Field Crop 4	Wheat	2	16	35200	21000
Horti crop 1	Pomegranate	2	80	220000	130000
Horti crop.2	water melon	2	100	100000	60000
Livestock 1	Buffalo	3	3000	75000	50000
Livestock 2	Cow	2	1500	30000	16000
Total				1361600	900500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	11	6050	1633500	1200000	30.95	106.72
Field Crop 2	Maize	2	45	67500	39500	18.42	58
Field Crop 3	Bengal gram	2	9	54000	31000	14.28	72.22
Field Crop 4	Wheat	2	20	56000	36000	27.27	71.43
Horti crop 1	Pomegranate	2	60	1800000	90000	10	-30.77
Horti crop.2	water melon	2	200	2300000	130000	>100	116.67
Horti crop 3	Capsicum (Poly house)	0.5		100000	60000	>100	>100
Livestock 1	Buffalo	5	7200 lit	2880000	192000	140	284
Livestock 2	Cow	2	1500 lit	45000	25000	0	56.25
Total				2654000	1803500		100.8

Brief: The farmer used to get annual income of Rs. 900500 from above mentioned field crops, horti. Crops and livestock etc. He faced problems like , Rootgrub in Sugarcane, Nutritional management in Live stock etc. With DFI interventions like **Rootgrub and Nutreint Mgt in sugarcane** , improved the nutritional status of animals regular consultancy etc., he is getting annual income of Rs 1803500.



ICM in Sugarcane



ICM in Pomegranate



Name of farmer: Manjunath Ambiger

Address: S/O, At/post; Pattadakallu **Tq:** Badami & **Dist;** Bagalkote

Age:28

Education: BE

Size of land holding (in acre): 3 acre & 2 acre waste land

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Bajra	3	26	36400	24000
Field Crop 2	Groundnut	3	23	92000	48000
Total				128400	72000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	0.5	13	19500	11000	>100	>100
Field Crop 2	Groundnut	2	23	108000	80000	50	66.67
Horti crop 1	Marigold	1.5	95	76000	5000	>100	>100
Horti.crop2	Shetari	2	10	70000	40000	>100	>100
Horti crop 3	Gelardia	0.075	4	10000	7000	>100	>100
Horti crop 4	Coconut	50	2500	32500	25000	>100	>100
Livestock 1	Goat	4	6	25000	20000	>100	>100
Livestock 2	Cow	2	1200	42000	30000	>100	>100
Other enterprise	Poultry	30	30	9000	7000	>100	>100
Total				392000	225000		212.5

Brief: The farmer used to get annual income of Rs.72000 from above mentioned field crops, horti. Crops and livestock etc. He faced problems like ,FAW maize and bajra and lack of awareness on improved groundnut varieties etc. With DFI interventions like introduction of horticulture crops and new groundnut varieties and Root grub and Nutrient Mgt in groundnut , FAW Mgt. in Maize, Backyard poultry, Skill Training, regular consultancy etc., he is getting annual income of Rs 225000.



Farmer practicing organic farming by preparation of inputs- after attending skill



Visit of kvk scientists to farmer's chilli field



Name of farmer: Narasappa Peerappa Jadav

Address: Honnakatti

Age: 66

Education: 5th class

Size of land holding (in acre): 8.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4.5	2500	450000	325000
Field Crop 2	Groundnut	3.5	50	225000	143000
Hort. Crop 1	Onion	3.5	150	210000	110000
Livestock 1	Goat rearing	5	6	30000	20000
Total				9,15,000	598000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	4.5	2800	702000	602000	12	85.0
Field Crop 2	Groundnut	1.5	20	90000	70000	- 60.0	-51.0
Hort Crop 1	Banana	2	580	475000	375000	>100	>100
Hort Crop 2	Ridge gourd	0.5	20	30000	20000	>100	>100
Hort Crop 3	Bhendi	0.5	70	40000	30000	>100	>100
Livestock 1	Goat rearing	20	30	120000	100000	25	400
Total				1457000	1197000		100

Brief: The farmer used to get annual income of Rs.598,000 from sugarcane, Groundnut, Onion and goat rearing etc. He faced problems like Market price fluctuation, pest and diseases problem etc. With DFI interventions like improved varieties, FLD, pest and disease management practices, trainings etc., he is getting annual income of Rs. 11,97,000.



KVK team in banana field



Farmer in Ridge gourd field along with KVK team



Name of farmer: Hanumappa Dyavappa Haradolli

Address: Mangalgudda, Badami

Age: 45

Education: 8th Class

Size of land holding (in acre): 1.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1.0	12	14400	9400
Field Crop 2	Groundnut	1.0	14	50400	30400
Hort. Crop 1	Kharif -Pickling melon (<i>Cucumis melo</i> subsp.)	0.5	30	80000	45000
Hort. Crop 2	Rabi-Pickling melon (<i>Cucumis melo</i> subsp. <i>agrestis</i>)	0.5	20	75000	47000
Total				219800	131800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Cotton (seed production)	1.0	2.5	1,20000	90000	>100	>100
Field Crop 2	Groundnut	1.5	24	80000	55000	71.4	80.9
Hort Crop 1	Cluster bean	0.125	7	20000	15000	>100	>100
Hort Crop 2	Ridge gourd	0.5	50	60000	50000	>100	>100
Hort Crop 3	Chilli	0.5	5	45000	35000	>100	>100
Hort Crop 4	Brinjal	0.125	10	25000	20000	>100	>100
Total		1.5		350000	265000		100

Brief: The farmer used to get annual income of Rs.1,31,800 from Maize, Groundnut, Pickling cucumber etc. He faced problems like Market price fluctuation, pest and diseases problem etc. With DFI interventions like improved varieties, FLD, seed treatment with bioagents, pest and disease management practices, trainings etc., he is getting annual income of Rs. 2,65,000.



KVK scientist along with farmers in ridge gourd and Chilli field



Horticulture scientist suggesting IPM practices in vegetables



Name of farmer: Vittal Narasappa Jadav
Address: Basarikatti, Tq: Bagalkote
Karnataka
Age: 34
Education: PUC
Size of land holding (in acre): 9.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Jowar (Rainfed)	7.0	28	65000	45000
Field Crop 2	Bengalgram (Rainfed)	2.0	6	24000	18000
Livestock 1	Goatery	4	5	20000	14000
Total				109000	77000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Jowar (Rainfed)	8.0	41	120000	100000	27.85	122.22
Field Crop 2	Bengalgram (Rainfed)	1.0	3	18000	13000	-50.0	-27.78
Livestock 1	Goatery	14	18	120000	80000	260	471.4
Total				258000	193000		150.7

Brief: The farmer used to get annual income of Rs.77,000 from Jowar, Bengalgram and goat rearing etc. He faced problems like Market price fluctuation, pest and diseases problem etc. With DFI interventions like improved varieties, seed treatment with bioagents, pest and disease management practices, trainings etc., he is getting annual income of Rs. 1,93,000.



Farmer with his family in Bengal gram field



Farmer with his family in Jowar field

Effect of DFI intervention**Name of KVK: Bagalkote****Name of farmer:** Rayanagouda R Goudar**Address:** Neeralkere**Karnataka****Age:** 68 yrs**Education:** SSLC**Size of land holding (in acre):** 6**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	1	3	12000	8000
Field Crop 2	Bajra	1	5	7500	5000
Field Crop 3	Chickpea	1	6	27000	20000
Field Crop 4	Jowar	1	6	7500	5000
Hort. Crop 1	Lime	1	100	160000	100000
Livestock 1	Poultry	50	50	15000	10000
Livestock 2	Cow	02	4	72000	36000
Other enterprise (Specify)	Goatary	02	-	20000	15000
Total				321000	199000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Greengram	1	4	20000	15000	33.33	87.5
Field Crop 2	Bajra	1	7	14000	10000	40	>100
Field Crop 3	Chickpea	1	8	44000	38000	33.33	90
Field Crop 4	Jowar	1	7	14000	10000	16.66	100
Hort. Crop 1	Lime	1	140	280000	220000	40.00	120
Hort. Crop 2	Banana	1	600	400000	320000	>100	>100
Livestock 1	Poultry	200	200	60000	40000	300	300
Livestock 2	Cow	04	8	144000	72000	>100	>100
Other enterprise (Specify)	Goat	10	10	125000	100000	400	566.6
Total				1101000	825000		314.57

Brief: The farmer used to get annual income of **Rs. 199000** from greengram, bajra, chickpea, lime, poultry and goatary etc. He faced problems like MBYMV in greengram, wilt and root rot in chickpea, citrus canker in lime, sigatoka leaf spot in banana etc. With DFI interventions like IDM in lime, banana, chickpea and use of biogents like trichoderma and pseudomonas etc., and application of Metarhizium for root grub management he is getting annual income of **Rs 825000**.

**IDM in Banana****IDM in Lime**



Name of farmer: Manjunath Kamatar
 Address: Mangalgudda
 Age: 52 yrs
 Education: SSLC
 Size of land holding (in acre): 6.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2	32	32000	18000
Field Crop 2	Sunflower	2	9	27000	20000
Field Crop 3	Groundnut	2	18	99000	65000
Field Crop 4	Cotton	0.5	4	20000	11000
Livestock 1	Goats	10	-	80000	50000
Livestock 2	Cows	2	3000	90000	45000
Livestock 3	Buffaloes	1	1200	36000	20000
Total				384000	229000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	2	45	67500	50000	40.6	177.78
Field Crop 2	Sunflower	2	21	84000	69000	13.33	245
Field Crop 3	Groundnut	2	18	75000	45000	>100	-30.77
Field Crop 4	Cotton	0.5	4	24000	14000	12.50	27.27
Livestock 1	Goats	10	4	102000	85000	50	70.00
Livestock 2	Cows	3	12000	300000	180000	50	300
Livestock 3	Buffaloes	1	1200	36000	15000	0	-25
Total				688500	458000		100

Brief: The farmer used to get annual income of Rs. 229000 from maize, sunflower, groundnut, cotton and animal components. He faced problems FAW in maize, nutrient deficiencies in groundnut, sunflower and low productivity in animals. With DFI interventions like Pest and disease management in field crops, FAW in maize, and nutrition management in dairy helped him in annual income of Rs 458000.



Farmer with KVK team getting advisory on maize



Farmer with KVK team in field visit on groundnut



Name of farmer: Siddappa Mallappa Nindihal

Address: Govinakoppa, Tq-Bagalkot

Age: 44

Education: 4th Class

Size of land holding (in acre): 21

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Pomegranate	12	60	2640000	1450000
Hort. Crop 2	Sapota	5	30	200000	100000
Hort. Crop 3	Lime	2	130	180000	80000
Hort. Crop 4	Guava	1	0	0	0
Hort. Crop 5	Mango	1	0	0	0
Livestock 1	Dairy-Buffalo	2	2440	48800	23000
Total				3020000	1653000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Hort. Crop 1	Pomegranate	12	100	3400000	2600000	66.6	70.0
Hort. Crop 2	Sapota	5	40	250000	150000	33.3	50.0
Hort. Crop 3	Lime	2	180	280000	200000	38.5	150
Hort. Crop 4	Guava	1	80	200000	150000	>100	0
Hort. Crop 5	Mango	1	100	180000	150000	>100	0
Livestock 1	Dairy-Buffalo	6	6100	152500	72500	150	215.2
Total				4462500	3322500		101

Brief: The farmer used to get annual income of Rs.16,53,000 from Pomegranate, Sapota, Lime, Buffalo etc. He faced problems like Market price fluctuation, Water shortage, pest and diseases problem etc. With DFI interventions like Soil test based fertilizer, drip irrigation, fruit fly traps, solar traps, FLD, pseudomonas application, use of mango special, citrus special, IPM practices, trainings etc., he is getting annual income of Rs. 3322500. The main source of income he got from his animal unit i.e., 215.2%



Farmer in his pomegranate orchard



Farmer in his Sapota orchard



Name of farmer: Shivanagouda Lokangouda Hanamagoudar

Address: Timmapur, Tq: Hunagunda

Age: 59

Education: PUC

Size of land holding (in acre): 18.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram	8.0	40	180,000	115000
Field Crop 2	Bengalgram	10.0	75	280,000	180000
Livestock 1	Dairy cows (HF breed)	2	2440	48800	28800
Total				508800	323800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram	3.0	18	90000	72000	-55.0	-37.39
Field Crop 2	Bengalgram	7.0	50	250000	210000	33.3	16.67
Field Crop 3	Sugarcane	8.0	4800	1200000	800000	>100	>100
Livestock 1	Dairy cows (HF breed)	6	10,675	298900	158900	337.5	451.7
Total				1838900	1240900		283.2

Brief: The farmer used to get annual income of Rs. 323800 from Red gram, Bengalgram and Dairy etc. He faced problems like use of local variety, pest and diseases problem etc. With DFI interventions like improved varieties, seed treatment with bioagents, pest and disease management practices, drip irrigation, trainings on scientific dairy management etc., he is getting annual income of Rs. 1240900.



Farmer in his sugarcane field



Farmer in his Bengalgram field



Name of farmer: Mallappa Golabhavi
Address: Tungala, Tq: Jamakandi
Age: 65
Education: SSLC
Size of land holding (in acre): 3.40 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.0	400	96,000	76,000
Field Crop 2	Greengram	1.2	3.5	15,000	12,000
Horti 1	Grape	1.2	20	3,00,000	2,00,000
Total				411000	288000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Wheat	2.0	21	115500	95500	100	100
Horti 1	Sapota	0.2	15	30000	25000	100	100
Horti 2	Grape	1.2	40	680000	530000	100	165
Total				825500	650500		125.7

Brief: The farmer used to get annual income of Rs. 2,88,000 from Sugarcane, Green gram and Grape etc. He faced problems like, shortage of water for irrigation, pest and diseases problem etc. With DFI interventions like seed treatment with bioagents, pest and disease management practices, drip irrigation, trainings etc., he is getting annual income of Rs. 650500.



Farmer in his Sapota field



Farmer in his Green gram field



Name of farmer: Adivappa Basappa Budi

Address: Aladakatti cross, Tq: Badami

Age: 46

Education: 3rd Standard

Size of land holding (in acre): 16.0 acre

1) Bef

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	10.0	4000	10,00,000	665700
Field Crop 2	Maize	3.0	75	82,500	60,000
Field Crop 2	Sunflower	3.0	18	42,500	24,500
Total				1125000	750200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	12.0	6000	15,00,000	11,00,000	50.0	65.2
Field Crop 2	Chickpea	1.0	6	50,400	30,400	>100	>100
Field Crop 3	Coriander (leafy vegetable)	1.0	30	20,000	15,000	>100	>100
Livestock 1	Banana	2.0	650	4,55,000	3,55,000	>100	>100
Total				2025400	1500400		100

Brief: The farmer used to get annual income of Rs. 7,50,200 from Sugarcane, Maize, Sunflower etc. He faced problems like root grub damage, pest and diseases problem in maize and sunflower etc. With DFI interventions like use bioagents for management of root grub, pest and disease management practices, banana special spray, trainings.. he is getting annual income of Rs. 15,00,400.



KVK scientist in farmer field of coriander



Farmer in his Chickpea field



Name of farmer: Hanumanth Sadashiv Bugati

Address: Hosur Tq: Rabakavi-Banhatti

Age: 46

Education: 5 standard

Size of land holding (in acre): 5.8 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.3	950	209000	167000
Field Crop 2	Maize	1.0	20	28000	20000
Horti 1	Turmeric	2.2	460	2, 0000	1,80,000
Horti 2	Coconut	40	5000	400 00	25000
Total		5.8		537000	392000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	3.3	1650	412500	342500	73.7	105.1
Horti 1	Turmeric	2.2	540	459000	399000	17.4	121.6
Horti 2	Coconut	40	7500	75000	60000	50.0	140
Total		5.8		946500	801500		104.5

Brief: The farmer used to get annual income of Rs. 3,92,000 from Sugarcane, Maize, Turmeric and coconut etc. He faced problems like, Price fluctuation, pest and diseases problem etc. With DFI interventions like turmeric rhizome treatment, use of bioagents, pest and disease management practices, advisories, trainings etc., he is getting annual income of Rs. 8,01,500.



Farmer working in his sugarcane field



Farmer with his grown new Turmeric variety Pragati



Name of farmer: Basavanagoudar Goudar

Address: Ambalikoppa, Hungund

Age: 32

Education: PUC

Size of land holding (in acre): 14 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	85	195500	115500
Hort. Crop 1	Guava	4	100	300000	200000
Hort. Crop 2	Drumstick	2	20	90000	40000
Hort. Crop -3	Coconut	2	100	100000	90000
Hort. Crop 4	Watermelon	4	400	120000	20000
Total				805500	465500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2	110	275000	185000	29.41	60.17
Hort. Crop 1	Guava	4	150	375000	275000	50.00	37.50
Hort. Crop 2	Drumstick	2	25	1250000	75000	25.00	87.50
Hort. Crop 3	Coconut	2	110	110000	100000	10.00	11.11
Hort. Crop 4	Chilli	3	20	140000	60000	>100	>100
Hort. Crop 5	Onion	1	2	450000	430000	>100	>100
Livestock 1	Buffalo	4	24001	60000	40000	>100	>100
Livestock 2	Backyard Poultry	100	50	15000	10000	>100	>100
Total				1550000	1175000		152.4

Brief: The farmer used to get annual income of **Rs. 465500** from Sugarcane, Guava, Drumstick, Coconut, Chilli, Onion, Dairy & Backyar poultry etc. He faced problems like Nutrient and weeds management, low productivity in dairy etc. With DFI interventions like **Nutrient management and pre & post emergent weed management, use of bio-agents, advisories on crop production and trainings**. He is getting annual income of **Rs 1175000**.



Nutrient and weed management through advisories



Nutrient management through advisories



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Jayanna Gangal
 Address: Cholachgudda, Badami
 Age: 32 yrs
 Education: 10th
 Size of land holding (in acre): 18.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net income (Rs.)
Field Crop 1	Sugarcane	7	2940	588000	315500
Hort crop 1	Maize	5.5	110	132000	82000
Livestock 1	Banana	6	500	500000	300000
Total				1220000	697500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	7	3500	875000	700000	19	121.9
Field Crop 1	Maize	4	120	180000	130000	50	58.54
Hort crop 1	Papaya	3.5	340	400000	350000	>100	>100
Livestock 1	marigold	4	290	290000	215000	>100	>100
Total				1745000	1395000		100.0

Brief: The farmer used to get annual income of Rs. 697500 from sugarcane, turmeric and dairy unit. He faced problems like high cost on fertilizers, fluctuations in the market rates, pest and disease in maize and papaya. With DFI interventions like introduction of IPM in papaya, FAW in maize, introduction of new crop in the cropping system and going in for buyback system in marigold helped him in annual income of Rs 1395000.



Sugarcane crop of farmer at growth stage



A view of banana crop of farmer



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Shivappa Hadimani

Address: S/O, Hanappa, At/post; Kotnalli Tq : Guledagudd & Dist; Bagalkote

Age: 61

Education: PUC

Size of land holding (in acre): 8.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut(R)	6	33	132000	80000
Field Crop 2	Maize (K & R)	4	78	85800	50800
Field crop3	Sunflower	2	6.5	24700	16500
Field crop 4	Redgram	2	7	28000	18000
Field crop 5	Sorghum	1	6	12000	7000
Horti crop 1	Onion	1	60	72000	40000
Livestock 1	Goat (kids)	10	6	22000	16000
Livestock 2	Buffalo	6	3000	75000	50000
Livestock 3	Poultry	20	10	2500	2000
Total		8.5		454000	280300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.5	1250	337500	250000	>100	>100
Field. Crop 2	Maize	2	44	66000	40000	-43.6	-21.26
Field crop 3	Sorghum	1	7	17500	10000	16.66	42.9
Field crop 4	Sunflower	1	4.5	52000	32000	-30.8	93.94
Field crop 5	Groundnut	5	35	203000	123000	6.1	53.75
Horti crop 1	Onion	1	40	88000	55000	-33.33	37.50
Horti crop2	Banana	0.5	35.7	50000	26500	>100	>100
Livestock 1	Goats	10	13	50000	40000	116.66	150
Livestock 2	Buffalo	5	2400	96000	70000	-20	40
Livestock 3	Poultry	50	40	14000	10000	300	400
Total				974000	656500		134.21

Brief: The farmer used to get annual income of Rs. 280300 from above mentioned field crops, horti. Crops and livestock etc. He faced problems like , Rootgrub Menace in Sugarcane, FAW management in Maize and sorghum etc. With DFI interventions like **Rootgrub Management in sugarcane by using *Metarhizium*** . **Introduction of New groundnut varieties like G2-52, Dh-256 ,FAW management in Maize and sorghum, regular consultancy etc.**, he is getting annual income of Rs 656500.



Farmer in his Banana field



Farmers in his FAW managed Maize field



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Tippanna Goudar

Address: S/O, Shivanagouda, At/post; Inginawari

Tq Guledagudd & Dist; Bagalkote

Age: 38

Education: 7th

Size of land holding (in acre): 5.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1/2	5	5500	3000
Field Crop 2	Bengalgram	1/2	2	8400	5000
Field crop.3	Foxtail millet	1	6	16800	10500
Horti crop 1	Pomegranate	1.875	13	52000	32000
Horti cro 2	Onion	1	39	35000	20000
Horti crop 3	Chilli +tomato	0.25+0.25	22	44000	30000
Horti crop 4	Brinjal	1/2	33	50000	32000
Livestock 1	Buffalo	4	3000	78000	52000
Livestock 1	Cow	3	1200	24000	16000
Live stock 3	Goats	15	10	35000	20000
Livestock 4	poultry	50	40	10000	7000
Total				358700	227500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Bajra	1/2	5	10000	6000	>100	>100
Field Crop 2	Bengalgram	1/2	2	12000	8000	0	60
Field crop.3	Bajra+ redgram	1/2+1/2	8+2.5	31000	20000	>100	>100
Field crop 4	Cotton(seeds p)	1	2	70000	45000	>100	>100
Horti crop 1	Pomegranate	1.875	40	200000	120000	207	275
Horti crop 2	Banana	1	100	58000	35000	>100	>100
Livestock 1	Buffalo	4	2400	96000	70000	-20	34.62
Livestock 1	Cow	2	900	31500	22000	-25	37.50
Live stock 3	Rams (sheep)	17	14	126000	65000	>100	>100
Livestock 4	poultry	110	90	36000	27000	125	285.7
Others	Earthworms	-	1.5	45000	40000	>100	>100
Total				715500	458000		101.32

Brief: The farmer used to get annual income of Rs. 227500 from above mentioned field crops, horti. Crops and livestock etc. He faced problems like , Wilt & Blight in pomegranate, pest and disease menace I vegetables and Nutritional management in Live stock etc. With DFI interventions like, Regular consultancy, Skill training programme and improved the nutritional status of animals ,poultry, Sheep rearing Vermicomposting, earthworms etc., he is getting annual income of Rs 458000.



Diagnostic banana field visit by KVK Scientists



Farmer in his banana field



Name of farmer: Shivakumar Kontikal
Address: S/O, Dundappa, At/post; Bilagi Tq; Bilagi & Dist; Bagalkote
Age: 52
Education: Diploma
Size of land holding (in acre): 6.34

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Grape	4	310	620000	320000
Horti Crop 2	Pomegranate	2.34	45	240000	120000
Livestock 1	Cows(Desi)	8	1800	36000	26000
Livestock 1	Sheep	5	5	20000	10000
Total				916000	476000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti Crop 1	Banana	2.0	300	240000	180000	>100	>100
Hort. Crop 2	Pomegranate	1.34	57	285000	170000	26.66	41.67
Hort. Crop 3	Papaya	1	590	472000	310000	>100	>100
Horti crop 4	Garlic	1.25	75	450000	300000	>100	>100
Horti crop 5	Chilli(dry)	0.25	1.8	32400	23500	>100	>100
Horti crop 6	Brinjal	0.25	100	25000	17000	>100	>100
Horti crop 7	Bhendi (tray)	0.125	6	24000	18000	>100	>100
Horti crop 8	Fenugreek	0.125	200	2000	1500	>100	>100
Livestock 1	Cow	8	2400	72000	45000	33.33	73.08
	Heifers	2	-	18000	12000	>100	>100
Livestock 2	Goats	3	3	12000	8000	>100	>100
Total				1632400	1085000		127.9%

Brief: The farmer used to get annual income of Rs. 476000 from above mentioned Horti. Crops and livestock etc. He faced problems like , Rootgrub Powdery downey mildew and B. blight and wilt and Nutritional management in Live stock etc. With DFI interventions like **Rootgrub, bacterial blight and Nutreint Mgt in pomegranate , Skill organic grower training**, regular consultancy etc., he is getting annual income of Rs 1085000 and practicing organic farming.



Farmer in his Mixed cropping (Garlic+ brinjal+ chilli+bhendi+ fenugreek) system



Farmer in his Banana Field



Name of farmer: Manjunath Basappa Jalikatti

Address: Chimmada Tq: Rabakavi-Banhatti

Age: 30

Education: SSLC

Size of land holding (in acre): 5.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.2	900	1,98,000	1,52,050
Field Crop 2	Maize	1.0	18	25,200	17,200
Horti 1	Turmeric	2.3	500	3,10,000	2,30,000
Total				5,33,200	399250

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.2	1000	2,50,000	2,05,000	11.11	34.8
Field Crop 2	Maize	1.0	28	42,000	34,000	55.55	97.6
Horti 1	Turmeric	2.0	570	4,84,500	4,29,500	14.0	86.74
Horti 2	Chilli	0.2	50	1,00,000	90,000	>100	>100
Horti 3	Cabbage	0.1	5	50,000	40,000	>100	>100
Total				9,26,500	7,98,500		100

Brief: The farmer used to get annual income of Rs.399250 from Sugarcane, Maize, Turmeric etc. He faced problems like, Price fluctuation, pest and diseases problem etc. With DFI interventions like turmeric rhizome treatment, use of bioagents, pest and disease management practices for fall army worm management, advisories, trainings etc., he is getting annual income of Rs. 7,98,500.



Farmer with sugarcane variety -10,001



Farmer in his cabbage field



Name of farmer: Sangangouda Sharanagouda Chintakamaladinni

Address: Chikkadapur, Tq: Ilakal

Age: 46

Education: SSLC

Size of land holding (in acre): 48 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Red gram	10.0	40	225000	150000
Field Crop 2	Bengalgram	20.0	100	320000	280000
Horti 1	Coriander	8.0	14	50000	40000
Horti 2	Ajwain	10.0	16	50,000	40000
Total				645000	510000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Red gram	15.0	90	540000	470000	50.0	213.33
Field Crop 2	Bengalgram	28.0	196	1078000	928000	40.0	231.43
Horti 1	Coriander	5.0	9	45000	35000	-35.7	-12.50
Total				1663000	1433000		180.98

Brief: The farmer used to get annual income of Rs. 5,10,000 from Redgram, Bengalgram, Coriander, Ajwain etc. He faced problems like, shortage of water for irrigation, pest and diseases problem etc. With DFI interventions like seed treatment with bioagents, pest and disease management practices, drip irrigation, trainings etc., he is getting annual income of Rs. 14,33,000.



Farmer in his chickpea field



Coriander field of the farmer



Name of farmer: P. B Desai
 Address: Mangalagudd, Hunagund
 Age: 49 yrs
 Education: II PUC
 Size of land holding (in acre): 2 ac

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2	10	12000	7500
Field Crop 2	Pearl millet	2	8	9600	8000
Total				21600	15500

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre) / No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Groundnut(G2-52)	2	12	54000	32000	>100	>100
Field Crop 2	Sunflower	2	8	32000	26000	>100	>100
Total				86000	58000		274%

Brief: The farmer used to get annual income of Rs. 15500 from maize, pearl millet. He faced problems FAW in maize, nutrient deficiencies in Bajra. With DFI interventions shifting from cereals to oilseeds and introduction of high yield varieties of groundnut within two acres of land his annual income increased upto 58000.



Field visit of KVK scientists to farmer's groundnut farm at Mangalagudda



Field visit of KVK scientists to farmer's Bajra field



Name of farmer: Mailarappa Shankarappa Basari

Address: Katapur, Guledagudda

Age: 30 yrs

Education: BA B.Ed

Size of land holding (in acre): 4 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2	56	50000	30000
Field Crop 2	Jowar	1	4	6600	3600
Hort crop 2	Onion	1	15	12000	10000
Livestock 1	Goat	50	15	60000	30000
Total				128600	73600

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Groundnut	3	24	96000	75000	>100	>100
Field Crop 2	Jowar	1	5	9000	6000	25	66.67
Field Crop 3	Cows	2	1800	45000	25000	>100	>100
Field Crop 4	Goats	50	25	125000	85000	66	183.33
Total				275000	191000		159.5

Brief: The farmer used to get annual income of Rs. 73600 from maize, sorghum and onion goat units. He faced problems FAW in maize and jowar, disease in onion and animal unit. With DFI interventions like Pest and disease management in field crops, FAW in maize, and health management in goat unit and dairy helped him in annual income of Rs. 191000.



A view of groundnut field of farmer

A view of sorghum field of farmer



Name of farmer: Parappa
Gama Address: Sunaga, Bilagi
Age: 60 yrs
Education: 7th
Size of land holding (in acre): 8

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4	2000	400000	200000
Field crop 2	Sorghum	1	5	10000	7500
Hort crop 1	Turmeric	2	40	340000	170000
Hort crop 2	Chilli	2	20	160000	110000
Livestock 1	Poultry	-	(Contract)	50000	-
Livestock 2	Bulls	2	2	50000	25000
Total				1010000	512500

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Sugarcane	4	3200	800000	650000	60	25
Field crop 2	Sorghum	1	6	14000	10000	20	33
Hort crop 1	Shatavari	1	-	-	-	>100	>100
Livestock 1	Poultry	250 birds	(short stay - 8 hrs)	400000	350000	>100	>100
Livestock 2	Bulls	2	2	50000	25000	-	-
Total				1264000	1035000		102.00

Brief: The farmer used to get annual income of Rs. 512500 from maize, sorghum and onion goat units. He faced problems FAW in maize and jowar, disease in onion and animal unit. With DFI interventions like Pest and disease management in field crops, FAW in maize, and health management in goat unit and dairy helped him in annual income of Rs. 1035000. He is invplved in a business of selling poultry birds which is delivered everyday by wholesaler and by evening he sells 250 birds and get around Rs.10 per bird weighing 2 kg. It is like short stay shelter cum sales point for birds.



A view of farmer attending KVK training at sunaga



A View of his poultry farm



Name of farmer: Anand Mokashi

Address: S/o, Bhimappa, At post: Badagi Tq: Bilagi, Dist; Bagalkote

Age: 35

Education: B.Com

Size of land holding (in acre): 20 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	10	4500	1000000	650000
Field Crop 2	Maize	4	80	88000	50000
Field Crop 3	Groundnut	2	10	42000	24000
Field Crop 4	D. wheat	4	21	58800	9200
Horti Crop 1	Papaya	4	400	160000	90000
Horti crop 2	Marigold	2	120	96000	50000
Livestock 1	Buffalo	2	1500	37500	26000
Livestock 2	Cow	3	3000	60000	30000
Livestock 3	Poultry(Giriraj)	200	200	50000	36000
Livestock 4	Ram	10	10	50000	20000
Total				1642300	985200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income	Production	Income
Field Crop 1	Sugarcane	6	3300	891000	560000	22.22	-13.85
Field Crop 2	Maize	2	50	75000	45000	25	-10
Field Crop 3	Groundnut	4	33	192000	120000	65	400
Field Crop 4	D. Wheat	2	15	67500	50000	42.85	443.48
Horti Crop 1	Cashew nuts	8	4.5	365000	280000	100	100
Horti crop 2	Marigold	2	160	160000	110000	33.33	120
Livestock 1	Buffalo	2	1500	60000	45000	0	73.08
Livestock 2	Cow	3	3900	132600	90000	30	200
Livestock 3	Poultry(B)	1	55000	900000	700000	>100	1844.44
Livestock 4	Ram	78	78	1014000	502000	680	2410
Live stock5	Goats(kids)	20	20	90000	40000	>100	>100
Total				3947100	2542000		158%

Brief: The farmer used to get annual income of Rs. **985200** from above mentioned field crops, horti. Crops etc. He faced problems of monocropping, Rootgrub and striga problem in sugarcane, More dependence on Agricultural crops and lack of knowledge about high tech poultry and Goatery etc. **With DFI interventions, regular consultancy, Marketing information and skill training programme, Poultry,Goatery,and value addition of cashew he is getting annual income of Rs. 2542000.**



Visit of KVK team to goat and ram farm of farmer



Broiler poultry shed of capacity 10000 chicks



Silage unit of the farmer



Name of farmer: Siddappa Angadi

Address: Mangalgudda

Age: 45 yrs

Education: 9th std

Size of land holding (in acre): 4 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	2	5	22500	15000
Field Crop 2	Maize	2	18	19800	12000
Total				42300	27000

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Maize	2	36	54000	41000	>100	166.67
Field Crop 2	Pigeonpea	2	8	52000	40000	60	241.67
Total				106000	81000		200

Brief: The farmer used to get annual income of Rs. 27000 from pigeonpea and maize. He faced problems like low productivity in redgram due to use of local variety and lack of skills in crop protection, FAW in maize. With DFI interventions like introduction of new variety in pigeon pea and pest and disease management in pigeonpea he is getting annual income of Rs. 81000.



Team KVK Bagalkote along with ADE Dr. Belli visited farmer's redgram field



Team KVK Bagalkote visited farmer's maize plot and suggested remedies for FAW



Name of farmer: Gangadhar B Goudar

Address: Mangalagudda

Age: 36 yrs

Education: SSLC

Size of land holding (in acre): 12 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	3	28	70000	45000
Field Crop 2	Sunflower	4	25	113000	77000
Field Crop 3	Pearl millet	3	32	48000	30000
Field Crop 3	Groundnut	2	11	49500	22000
Total				280500	174000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Maize	2	30	84200	60000	7.1	33.3
Field Crop 2	Sunflower	4	30	150000	120000	20	55.84
Field Crop 3	Groundnut	4	35	184000	155000	218.2	604.6
Field crop 4	Chickpea	0.5	1.5	10000	7000	>100	>100
Live stock 1	Goat	2	-	10000	6000	>100	>100
Total				438200	348000		100

Brief: The farmer used to get annual income of Rs. **174000** from oilseeds and field crops. He faced problems like low yield in oilseeds and maize due to FAW and price fluctuations. With DFI interventions like **introduction of high yielding groundnut variety (Dh-256) Management of FAW and small animal unit, introduction of fodder maize, introduction of bioagents for seed treatment, introduction of crop and disease management in chickpea**, his yield levels are enhanced and he is getting annual income of Rs **348000**.



Team KVK Bagalkote Organized field day on chickpea at farmer's field



Farmer carrying out the seed treatment activity for groundnut



Name of farmer: Manjunath Yaraddi

Address: Udaghatti

Age: 30

Education: ITI

Size of land holding (in acre): 7 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	02	20	30000	20000
Field Crop 2	Sugarcane	03	980	200000	100000
Hort. Crop 1	Pomegranate	02	80	320000	100000
Livestock 2	Cow	02	4	72000	36000
Total				622000	256000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	02	25	40000	30000	25	50
Field Crop 2	Sugarcane	03	1080	250000	200000	10.20	>100
Hort. Crop 1	Pomegranate	02	120	960000	710000	50	610
Livestock 2	Cow	02	4	72000	36000	0	0
Total			1322000	976000			281.3

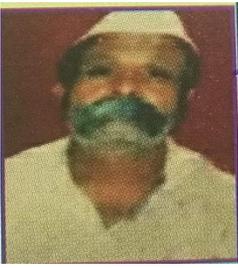
Brief: The farmer used to get annual income of Rs. 256000 from maize, sugarcane and pomegranate etc. He faced problems like bacterial blight in pomegranate, root grub in sugarcane etc. With DFI interventions like IDM in pomegranate and lime use of biogents like trichoderma and pseudomonas etc., and application of Metarhizium for root grub management he is getting annual income of Rs. 976000.



Field visit to Farmers Filed



Farmer in his sugarcane field



Name of farmer: Chidanandayya
Hiremath Address: Bommanagi village,
Bagalkote
Age: 62 yrs
Education: 7 std
Size of land holding (in acre): 31 ac+ 29 ac lease

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	30	18000	2640000	1140000
Field Crop 2	Bengalgram	15	60	216000	171000
Field Crop 3	Sorghum	15	75	150000	90000
Field Crop 4	Pigeonpea	15	45	216000	156000
Field Crop 5	Sunflower	15	30	105000	75000
Livestock 1	Cows	6	3650	91250	250
Livestock 2	Buffaloes	8	2920	87600	42600
Other enterprise	Vermicompost	-	240		
Total				3505850	1674850

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	35	2100	5250000	3450000	50	202.63
Field Crop 2	Bengalgram	15	90	405000	360000	50	110.53
Field Crop 3	Sorghum	15	95	266000	206000	26.	128.89
Field Crop 4	Pigeonpea	15	60	324000	264000	33.3	69.23
Field Crop 5	Sunflower	15	40	168000	138000	33.	84
Livestock 1	Cows	10	4320	120960	55960	18	123.84
Livestock 2	Buffaloes	5	2880	86400	46400	-	8.92
Other enterprise	Vermicompost	-	4000				
Total				6620360	4520360		169.9

Brief: The farmer used to get annual income of Rs. 1699600 from sugarcane, pulses, sunflower and dairying. He faced problems like grub, lack of latest technologies, high cost of fertilizers with DFI interventions like high yielding varieties, and vermicompost technologies and IPM in pulses with nutrient management, through consultancy and method demonstration, he is getting annual income of Rs 4520360. In addition, there is cost saving of Rs. 300000 from organic inputs use by the production of vermicompost



Visit of KVK team along with Dept staff to farmer's vermicompost unit



Visit of KVK team along with Dept staff to farmer's Dairy unit



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Parasappa Haradolli

Address: Mangalgudda

Age: 38 yrs

Education: SSLC

Size of land holding (in acre): 4 lease

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	3	500	110000	75000
Field Crop 2	Maize	1	15	16500	11000
Total				126500	86000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	2	36	54000	41000	20	36
Field Crop 2	Cotton seed production	1	5.5	136000	85000	>100	272.7
Field crop 3	Sugarcane	1	400	100000	75000	-20	0
Total				308000	216000		151

Brief: The farmer used to get annual income of Rs. 86000 from sugarcane and maize. He faced problems like grub, weed problems, fluctuating market prices. With DFI interventions like root grub management, introduction of new crop and assured buyback for produce he is getting annual income of Rs. 216000



Field visit of KVK scientists to cotton field



Participation of farmer in field day organized by KVK Bagalkote



Effect of DFI intervention
Name of farmer: Tippanna Sadashiv Gothe
Address: Hosur Tq: Rabakavi- Banhatti
Age: 42
Education: PUC
Size of land holding (in acre): 7.2 acre

Name of KVK: Bagalkote

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4.0	1600	3,20,000	2,00,000
Field Crop 2	Maize	2.0	35	52,500	35,000
Horti 1	Turmeric	1.2	30	1,80,000	1,00,000
Horti 2	Coconut	14	2000	20,000	14,000
Horti 3	Mango	4	2000	6000	5000
Total		7.2 acre		578500	354000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	4.0	270	6,75,000	5,75,000	68.75	187.5
Horti 1	Turmeric	2.2	60	4,86,000	4,36,000	38.5	35
Horti 2	Coconut	14	2100	25,200	20,000	5.0	42.86
Horti 3	Mango	4	3000	9000	8000	50.0	60.0
Total		7.2 acre		1195200	1039000		193.50

Brief: The farmer used to get annual income of Rs. 3,54,000 from Sugarcane, Maize, Turmeric, etc. He faced problems like, market price fluctuation, pest and diseases problem etc. With DFI interventions like pest and disease management practices, turmeric rhizome treatment training, coconut eriophyid mite management trainings etc., he is getting annual income of Rs. 10,39,000.



Farmer in his turmeric field



Farmer in his sugarcane field



Name of farmer: Gangappa Tumbermatti Address: Devanal

Age: 50

Education: SSLC

Size of land holding (in acre): 5 acre

1. Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2	25	62500	50000
Hort. Crop 1	Onion	2	80	120000	80000
Livestock 1	Buffalo	8	5400	243000	143000
Livestock 2	Cow	4	1800	54000	29000
Other enterprise (Specify)	Fodder	1	200	10000	8000
Total				489500	310000

2. Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	0.5	10	20000	15000	-60	-70
Hort. Crop 1	Pomegranate	2	80	720000	570000	>100	>100
Hort. Crop 2	Banana	2	600	600000	400000	>100	>100
Livestock 1	Buffalo	8	5400	54000	143000	0	0
Livestock 2	Cow	4	1800	10000	29000	0	0
Other enterprise (Specify)	Fodder	0.5	50	10000	8000	-75	0
Total				1414000	1165000		275.80

Brief: The farmer used to get annual income of Rs. **310000** from maize, onion and dairy etc. He faced problems like low market price etc. With change in cropping pattern and DFI interventions like management of pomegranate bacterial blight, banana sigatoka leaf spot, wilt and use of bioagents trichoderma, pseudomonas for disease management etc., he is getting annual income of Rs. **1165000**. In addition, there is cost saving of Rs. 30000 in IDM practices of Pomegranate and Rs. 10000 in IDM practices in banana



Effect of DFI intervention

Name of KVK: Bagalkote



Name of farmer: Sangayya Shivalingayya Saraganachari
 Address: Agasankoppa, Kerur hobli
 Age: 49 yrs
 Education: PUC
 Size of land holding (in acre): 23 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	3	6.5	48000	25000
Field Crop 2	Maize	2	70	84000	68000
Field Crop 3	Bajra	2	18	21600	18000
Field Crop 4	Sugarcane	8	4400	968000	626500
Field crop 5	Pigeonpea	1	4	30000	25000
Hort crop 1	Onion	3	38	190000	130000
Hort crop 2	coconut	100	6000	60000	50000
Livestock 1	Cows	2	1200	30000	15000
Livestock 2	Buffaloes	4	1800	54000	30000
Total				1485600	987500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)	Production	Income
Field Crop 1	Greengram	3	12	60000	45000	84	80
Field Crop 2	Sugarcane	8	6400	1728000	1400000	45.40	123.5
Field Crop 3	Pigeonpea	1	6	36000	30000	50	20
Field Crop 4	Pearl millet	2	18	36000	30000	>100	>100
Hort crop 1	Onion	3	150	450000	350000	294	169
Hort crop 2	Coconut	125 trees	20000	200000	150000	166.6	200
Livestock 1	Cows	2	2400	72000	35000	>100	133
Livestock 2	Buffaloes	4	4500	135000	85000	150	183
Total				2717000	2125000		115.2

Brief: The farmer used to get annual income of Rs. **987500** from field crops, sugarcane and animal unit. He faced problems root grub in maize, low productivity due to local varieties and poor yield in milk. With DFI interventions like advisories on Pest and disease management in field crops, FAW in maize, and nutrition management in dairy helped him in annual income of Rs **2125000**.



KVK team visit to farmer's farm



KVK team visit to farmer's farm



Name of farmer: Smt Vijayalaxmi Lingareddy Kurtakoti

Address: Jalihal

Age: 44 yrs

Education: BA B Ed

Size of land holding (in acre): 13.04 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Component s	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort crop 1	Mango	300	Contract (Mixed cropping)	400000	400000
Hort crop 2	Sapota	300			
Hort crop 4	Lime	450			
Hort crop 5	Coconut	100	0	0	0
Livestock 1	Sheep	100	40	280000	150000
Livestock 2	Cows (Gir & khilari)	35+5	15000	600000	350000
Total				1280000	875000

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Component s	Names	Area (Acre) / No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort crop 1	Mango	300	Contract (Mixed cropping)	500000	500000	-	25
Hort crop 2	Sapota	300					
Hort crop 4	Lime	450					
Hort crop 5	Coconut	100	4000	40000	30000	100	-220
Livestock 1	Sheep	150	150	900000	700000	150	366.67
Livestock 2	Cows (Gir & khilari)	40	36000	1440000	850000	140	142
Total				2880000	2080000		137.7

Brief: The farmer used to get annual income of Rs. 875000 from fruit crops and animal husbandry. She faced problems like low productivity in animals. She is practicing contract farming. She is also cultivating forage crops for the animal unit which has not been added to income. With DFI interventions like Pest and disease management in fruit crops, nutrition management in animals and clean milk production which has helped her in getting the annual income of Rs. 2080000. She is practicing water recharge method which has helped her in getting continuous water for farm. She has been awarded as district level best farmer under ATMA by Dept of Agriculture



Water recharge unit of farmer



Fruit orchard of farmer



Sheep rearing unit of farmer



Name of farmer: Basavaraj Ningappa Gogeri

Address: Belur, Badami taluka

Age: 41 yrs

Education: PUC

Size of land holding (in acre): 24 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Chickpea	3	12	40000	30000
Field crop 2	Sorghum	3	24	57000	40000
Field crop 3	Groundnut	3	25	112500	80000
Field crop 4	Maize	3	60	60000	40000
Hort crop 1	Papaya	5	600	480000	200000
Hort crop 2	Lime	2.5	10 0	25000	15000
Hort crop 3	Coconut	250	20000	160000	110000
Hort crop 4	Banana	2.5	420	420000	275000
Total		24		1354500	790000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	Income
Field crop 1	Groundnut	3	36	198000	150000	50	87.5
Field crop 1	Chickpea	2	9	54000	35000	12.5	-25
Field crop 1	Sorghum	2	16	44800	30000	-33.33	-25
Field crop 1	Maize	1	25	25000	18000	>100	-55
Field crop 1	Sweet corn	2.5	75	45000	35000	>100	>100
Hort crop 2	Banana	4	700	1050000	800000	66.7	190.91
Hort crop 3	Curry leaf	1	80	20000	18000	>100	>100
Hort crop 3	Papaya	5	800	1200000	800000	>100	300
Hort crop 3	Chilli	2.5	200	160000	100000	>100	>100
Hort crop 3	Lime	2.5	150	300000	250000	50	66
Hort crop 4	Brinjal	1	80	120000	10000	>100	>100
Livestock 1	Cows	3	1500	22500	10000	>100	>100
Total		26		3239300	2256000		185.6

Brief: The farmer used to get annual income of Rs. **925000** from Lime, coconut and Banana and field crops. He faced problems like low productivity, price fluctuations and lack of diversification. With DFI interventions like introduction of crop diversity, introduction of vegetables for regular income, and animal component, and pest and disease management through advisories he is getting the annual income of Rs. **2256000**.



Farmer with his chilli plants



The farmer in his Banana plot





Name of farmer: Tirthappa Hadimani
Address: Cholachagudda, (Nagaral S P)
Age: 67yrs
Education: 5th std
Size of land holding (in acre): 3.28 ac

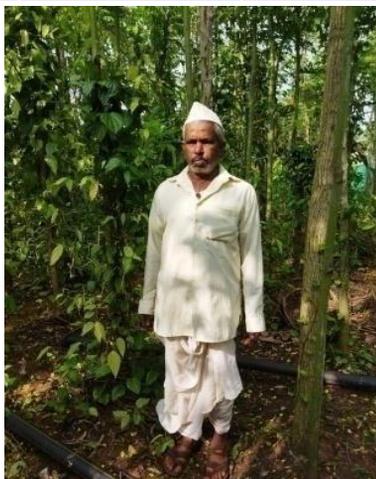
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Maize	1	25	25000	18000
Hort crop 1	Betel vine	0.75	120000	360000	260000
Hort crop 2	Banana	1.10	300	180000	100000
Hort crop 3	Cabbage	1	100	15000	10000
Hort crop 4	Nursery	0.5	-	200000	100000
Hort crop 5	Brinjal	1	80	120000	10000
Livestock 1	Cows	3	900	22500	10000
Total				922500	508000

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field crop 1	Maize	1	25	25000	18000	>100	>100
Hort crop 1	Betel vine	0.75	120000	360000	260000	-	-
Hort crop 2	Banana	1.10	500	300000	240000	66.7	140.0
Hort crop 3	Cabbage	1	100	15000	10000	>100	>100
Hort crop 4	Nursery	0.5		800000	500000	>100	>100
Hort crop 5	Brinjal	1	80	120000		>100	>100
Livestock 1	Cows	3	900			>100	>100
				22500	10000		
Total				1642500	1048000		106.3

Brief: The farmer used to get annual income of Rs. **508000** from Lime, coconut and Banana. He faced problems like low productivity, price fluctuations and lack of diversification. With DFI interventions like introduction of crop diversity, animal component, and pest and disease management through advisories he is getting the annual income of Rs. **1048000**.



Betelvine plot of farmer Sugarcane nursery of farmer



Name of farmer: Basavaraj Hanamant Goudar

Address: Hiremuchhalagudda , Badami

Age: 37 yrs

Education: MSW, B Ed

Size of land holding (in acre): 10.12 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	3	900	152000	102000
Field Crop 2	Maize	3	42	50400	33000
Field Crop 3	Pearl millet	2.20	25	30000	19000
Hort crop 1	Onion	1.20	35	49000	25000
Hort crop 2	Mango	70	Contract	70000	65000
Hort crop 3	Coconut	50	contract	50000	45000
Livestock 2	Buffaloes	5	2000	56000	35000
Total				457400	324000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Greengram	2	7	42000	30000	>100	>100
Field Crop 2	Horsegram	1	2	10000	9000	>100	>100
Field Crop 3	Sugarcane	3	1800	450000	380000	100	272.55
Field Crop 4	Maize	3	75	135000	100000	78	203
Field Crop 5	Pearl millet	2.20	30	60000	45000	20	136
Field Crop 4	Onion	1	50	100000	75000	42	200
Field Crop 5	Mango	70	contract	85000	75000	-	15.38
Livestock 1	Coconut	50	contract	50000	45000	-	0
Livestock 2	Buffaloes	5	2700	81000	40000	35	14.28
Total				1013000	799000		146.6

Brief: The farmer used to get annual income of Rs. **324000** from field crops, horticulture crops and animal unit. He faced problems like grub and lack of diversification. With DFI interventions like crop diversification, and nutrition management in dairy unit and IPM in pulses with nutrient management , through consultancy and method demonstration, he is getting annual income of Rs **799000**.



Pearl millet field of farmer



Greengram field of farmer



Name of farmer: Hanamant Araddi

Address: Bavalatti, Bilgi

Age: 60 yrs

Education: 5th std

Size of land holding (in acre): 3.0 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	3	600	120000	75000
Livestock 1	Buffaloes	5	6000	180000	92500
Total				300000	167500

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Onion	2	25	100000	80000	>100	>100
Field Crop 2	Maize	1	35	52500	45000	>100	>100
Field Crop 3	Groundnut	0.5	6	30000	20000	>100	>100
Hort crop 1	Chilli	0.5	4	45000	30000	>100	>100
Livestock 1	Buffaloes	5	6500	260000	160000	8.33	60.0
Total				487500	335000		100

Brief: The farmer used to get annual income of Rs. **167500** from sugarcane and dairy unit. He faced problems like grub, weed problems, and low productivity in sugarcane due to water logging. With DFI interventions like crop diversification and improved nutrition practices in dairy and forming own dairy after mobilizing the neighboring farmers, he is getting annual income of Rs **335000**.



Farmer in his newly planted sugarcane plot



Farmer in his chilli plot



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Panchaksharayya Muppayya Hiremath

Address: Yadahalli

Age: 63 yrs

Education: SSLC

Size of land holding (in acre): 8ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort crop 1	Pomegranate	8	150	675000	500000
Total				675000	500000

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Hort crop 1	Pomegranate	8	320	2560000	1360000	113	172
Forest species	Teak	50	0	0	0	0	0
Forest species	Coconut	15	0	0	0	0	0
Live stock	Oxen	2	0	0	0	0	0
Fodder	Along the bunds	0	0	0	0	0	0
Total				2560000	1360000	113	172

Brief: The farmer used to get annual income of Rs. **500000** from pomegranate. He faced problems pest and disease in pomegranate, nutrient management in pomegranate and marketing skills in pomegranate. He was advised to manage wilt and fruit borer in pomegranate through FPO, FFS organised by KVK in this village also introduced forest species, livestocka and fodder crop . After managing the same he is getting annual income of Rs. **1360000**.



Pomegranate plot of farmer



Pomegranate plot of farmer



Name of farmer: Mallappa Chinnappa Adin

Address: Shirur, Bagalkot hobli

Age: 79 yrs

Education: 4th std

Size of land holding (in acre): 24 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	3	32	144000	95000
Field Crop 2	Maize	2	70	84000	68000
Field Crop 3	Bajra	3	60	108000	90000
Field Crop 4	Sugarcane	7	2800	616000	439750
Hort crop 1	Guava	1	60	90000	65000
Hort crop 2	Lime	80	32000	32000	25000
Livestock 1	Cows	2	-	-	-
Livestock 2	Buffaloes	8	3000	100000	60000
Total				1174000	842750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Maize	2	72	108000	85500	2	25
Field Crop 2	Redgram	5	25	150000	110000	>100	>100
Field Crop 3	Bajra	2	60	120000	100000	50	11
Field Crop 4	Sugarcane	7	4900	1225000	900000	75	>100
Field Crop 5	Greengram	5	18	111600	85000	>100	>100
Hort crop 1	Guava	1	150	225000	185000	115	184
Hort crop 2	Lime	80	40000	60000	45000	25	80
Livestock 1	Cows	2	1500	45000	25000	>100	>100
Livestock 2	Buffaloes	8	7200	216400	150000	140	150
Total				2261000	1685500		100

Brief: The farmer used to get annual income of Rs. **842750** from sugarcane, other field crops, and animal components. He faced problems lack high yielding varieties, nutrient deficiencies and low productivity in animals. With DFI interventions like **introduction of high yielding varieties, Pest and disease management in field crops, FAW in maize, TS3-R variety in redgram and wheat , high yielding fodder varieties** helped him in annual income of Rs. **1685500**.



Visit of KVK scientists to farmer's dicoccum wheat plot



Visit of KVK scientists to farmer's fodder plot



Name of farmer: Sangappa Basappa Tuppad

Address: Mangalagudda, Badami(Tq)

Age: 39

Education: 7th Class

Size of land holding (in acre): 5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Kharif)	4	80	104000	64000
Field Crop 2	Hyb. Sorghum (Kharif)	1	10	12000	6000
Field Crop 3	Groundnut (Rabi/Summer)	5	28	42000	2000
Total				158000	72000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (Rabi/Summer)	3	900	225000	198000	>100	>100
Field Crop 2	Cotton (Seed production) (Kharif)	1	5	245000	135000	>100	>100
Field Crop 3	Hyb. Sorghum (Kharif)	1	11	14300	9300	10.00	55.00
Field Crop 1	Groundnut (Rabi/Summer) G2-52	0.5	3.5	5250	2250	25.00	12.50
Hort. Crop -1	Onion (Rabi/ summer) Arka Kalyan	0.5	35	35000	5000	>100	>100
Total				524550	349550		385.49

Brief: The farmer used to get annual income of **Rs. 72000** from Maize, Hyb. Sorghum, Groundnut. He faced problems like Nutrient and weeds management, low productivity in crops etc. With DFI interventions like **Nutrient management and pre & post emergent weed management, use of metarrhizium, advisories on crop production, seed production and trainings**. He is getting annual income of **Rs 349550**.



Cotton seed production through advisories



Nutrient management in Sugarcane through advisories



Name of farmer: Ashok H. Hadapad

Address: Mangalagudda, Badami(Tq)

Age: 55

Education: 10th

Size of land holding (in acre): (5 ac + 4 ac lease)

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (Rabi/summer)	2	56 t	140000	125000
Field Crop 2	Maize (Kharif)	4	60 q	54000	24000
Field Crop 3	Hyb. Sorghum (Kharif)	1	12 q	9600	6600
Total				203600	155600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (Rabi/Summer)	1.5	600	150000	135000	42.86	8.00
Field Crop 2	Maize (Kharif)	2	50	55000	35000	66.66	45.83
Field Crop 3	Cotton (Seed production) (Kharif)	1.5	7	343000	289000	>100.00	>100.00
Field Crop 4	Bajra (Kharif)	2	15	13500	3500	>100.00	>100.00
Field Crop 5	Groundnut (Rabi/ Summer)	4	39.2	246960	230960	>100.00	>100.00
Other enterprise (Specify)	* Leased amount @ 20000/ac deducted from net income (4 ac)				-80000		
Total				808460	693460		345.7

Brief: The farmer used to get annual income of **Rs. 155600** from Sugarcane, Maize, Hyb. Sorghum. He faced problems like Nutrient and weeds management, low productivity in crops etc. With DFI interventions like **CFLD-Groundnut, nutrient management and pre & post emergent weed management, use of bio-agents, advisories on crop production and trainings**. He is getting annual income of **Rs 693460**.



Nutrient and weed management in Maize



Nutrient and weed management in Groundnut



Name of farmer: Chandrashekar Lakkappa Goudar

Address: Honnakatti, Bagalkote (Tq)

Age: 40

Education: P.U.C

Size of land holding (in acre): 3 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Kharif)	3	40	60000	42000
Field Crop 2	Groundnut (Rabi/summer)	3	12.5	43750	13750
Other enterprise (Specify)					
Total				103750	55750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Maize (Kharif)	2	30	57000	45000	12.78	7.14
Field Crop 2	Wheat (Rabi)	1 (lease)	7	22050	12850	>100.00	>100.00
Hort. Crop -1	Onion (Rabi/summer)	2	9	18000	8000	>100.00	>100.00
Hort. Crop -2	Betelvine	1	3750 leaves per day	109500	59500	>100.00	>100.00
Other enterprise (Specify)	* Leased amount @ 12000/ac deducted from net income (1 ac)				-12000		
Total				206550	125350		124.8

Brief: The farmer used to get annual income of **Rs. 55750** from Maize, Groundnut. He faced problems like Nutrient and weeds management, low productivity in crops etc. With DFI interventions like **nutrient management and pre & post emergent weed management, disease management, use of bio-agents, advisories on crop production and trainings**. He is getting annual income of **Rs 125350**.



Nutrient and disease management in betelvine



Nutrient and weed management in Maize



Name of farmer: Basavaraj Padiyappa Halichandi

Address: Kamatagi, Hunagund (Tq)

Age: 36

Education: M.B.A. (Marketing)

Size of land holding (in acre): 2.33 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop -1	Chilli	1	78	96000	60000
Hort. Crop -2	Watermelon	1.33	32	184000	80000
Total		2.33		280000	140000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop -1	Papaya	3.33	800	800000	500000	>100.00	>100.00
Hort. Crop -1	Sweet corn	1	19	76000	52000	>100.00	>100.00
Hort. Crop -1	Brinjal	0.5	40	80000	40000	>100.00	>100.00
Field Crop 1	Ridge gourd	0.5	15	60000	20000	>100.00	>100.00
	* Leased amount @ 12000/ac deducted from net income (3 ac)				-36000		
Total				1016000	612000		337.14

Brief: The farmer used to get annual income of **Rs. 140000** from Chilli and Watermelon. He faced problems like High yield in improved varieties/ Hybrids, Nutrient, pest, low productivity in horticultural crops etc. With DFI interventions like **High yielding varieties/ Hybrids, nutrient, weed, insect disease management, use of bio-agents, advisories on crop production and trainings**. He is getting annual income of **Rs 612000**.



ICM in Papaya



IC M in Brinjal and Ridge gourd



Name of farmer: Basayya Holebasayya Vastrad

Address: Inam Budihal Hunagund (Tq)

Age: 39 yrs

Education: B Ed

Size of land holding (in acre): 9.2 acre

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop -1	Guava	4	900	162000	132000
Hort. Crop -2	Sapota	4	1000	140000	110000
Hort. Crop -3	Mango	1.2	150	30000	15000
Hort. Crop -4	Jamun	10	4.0	8000	7000
Hort. Crop -5	Amla	02	2.0	2000	2000
Hort. Crop -6	Banana	10	2.5	3250	1750
Total				345250	267750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop -1	Guava	4	1200	312000	297000	33.33	125.00
Hort. Crop -2	Sapota	4	1200	192000	177000	20.00	60.91
Hort. Crop -3	Mango	1.2	250	62500	52500	66.67	250.00
Hort. Crop -4	Jamun	10	4.5	9000	8000	12.50	14.29
Hort. Crop -5	Amla	02	2.2	2200	2200	10.00	10.00
Hort. Crop -6	Banana	10	3.0	312000	2500	20.00	42.86
Total				889700	539200		101.38

Brief: The farmer used to get annual income of **Rs. 267750** from Guava, Sapota, Mango, Jamun, Amla and Banana. He faced problems like Pruning, Nutrient, pest, low productivity in horticultural crops etc. With DFI interventions like **Timely and proper pruning technic, nutrient and pest management, use of bio-agents, advisories on crop production and trainings**. He is getting annual income of **Rs 539200**.



ICM in Banana



IC M in Sapota



Name of farmer: Bharath Gatalappa Shegunasi

Address: Savalagi Tq: Jamakhandi

Age: 50

Education: PUC

Size of land holding (in acre): 12.03 acre

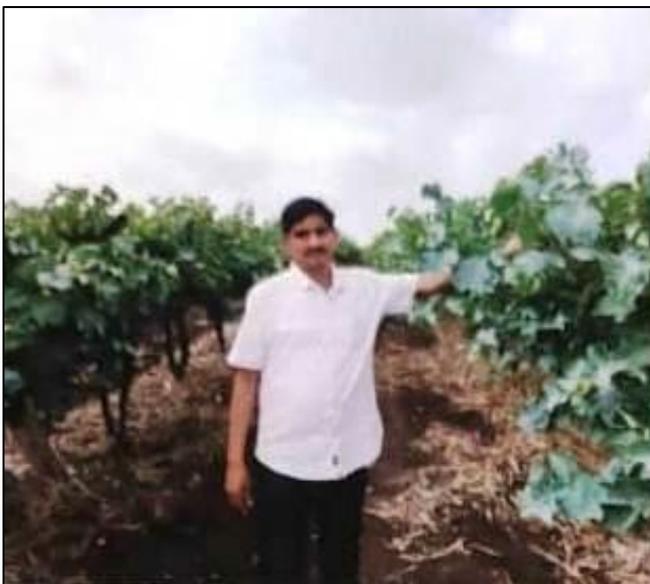
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4.30	1200	288000	238000
Field Crop 2	Maize	2.34	40	60000	40000
Horti 1	Banana	4.02	350	210000	160000
Horti 2	Sapota	1.37	20	40000	30000
Total				598000	468000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	4.30	1550	387500	347500	29.16	46.0
Horti 1	Grape	2.34	80	960000	640000	>100.00	>100.00
Horti 2	Banana	4.02	400	320000	220000	14.3	37.5
Horti 3	Sapota	1.37	25	50,000	40,000	25.0	33.3
Total				1717500	1247500		166.56

Brief: The farmer used to get annual income of Rs. 468000 from Sugarcane, Maize, Banana, etc. He faced problems like, market price fluctuation, shortage of irrigation water, pest and diseases problem etc. With DFI interventions like pest and disease management practices, drip irrigation, use of bio agents, trainings etc., he is getting annual income of Rs. 1247500.



Farmer in his Grape field



Farmer in his sugarcane field



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Venkappa Vithalappa Doregol

Address: Malagi, Badami

Age: 72 yrs

Education: Retd teacher

Size of land holding (in acre): 20 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Onion	2	80	80000	60000
Field Crop 2	Pearl millet	5	50	90000	70000
Field Crop 3	Maize	4	80	152000	100000
Hort crop 1	Banana	5	1000	1350000	950000
Hort crop 2	Lime	2	400	240000	200000
Hort crop 3	Coconut	100	400	48000	38000
Livestock 1	Sheep	55	-	-	-
Total				1960000	1418000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pearl millet	5	70	140000	100000	40	42.86
Field Crop 2	Maize	4	100	150000	100000	25	0
Field Crop 3	Pigeonpea	2	8	48000	30000	>100	>100
Hort crop 1	Banana	5	1250	1875000	1600000	25	68
Hort crop 2	Pomegranate	4	200	200000	150000	>100	>100
Hort crop 3	Guava	3	100	450000	300000	>100	>100
Hort crop 4	Lime	2	600	750000	500000	50	150
Hort crop 5	Sapota	1	50	250000	180000	>100	>100
Hort crop 6	Coconut	100	600	60000	40000	25	5.26
Livestock 1	Goat	50	50	200000	150000	>100	>100
Livestock 32	Sheep	55	50	500000	350000	>100	821.05
Total				4623000	3500000		146.8

Brief: The farmer used to get annual income of Rs. 1418000 from agriculture, horticulture and animal units. He faced problems like price fluctuations, unseasonal rainfall, labour problems, With DFI interventions like introduction of pomegranate, pigeonpea, goat unit and field crops to feed the animals through advisory services and trainings he is getting annual income of Rs 3500000.



A view of banana plot of farmer



Farmer in sheep and goat rearing unit



Name of farmer: Mallanagoud V. Patil

Address: Shirur, Bagalkote (Tq)

Age: 75

Education: 10th

Size of land holding (in acre): 6 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal Local)	6	27	167400	131400
Field Crop 2	Sugarcane (Co-8632)	6	240	571200	361200
Total				738600	492600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (TS-3R)	6	60	420000	372000	122.22	183.11
Field Crop 2	Sugarcane (Co-8632)	6	360	885600	645600	50.00	78.74
Total				1305600	1017600		106.58

Brief: The farmer used to get annual income of **Rs. 492600** from redgram and sugarcane. He faced problems like low yielding varieties, Nutrient and weed management, low productivity in crops etc. With DFI interventions like introduction of **High yielding varietie, nutrient management, pre and post emergent weed management, use of bio-agents, advisories on crop production, seed production and trainings**. He is getting annual income of **Rs 1017600**.



Improved variety of Redgram (TS-3R)



Nutrient and weed management in Sugarcane



Effect of DFI intervention

Name of KVK: Bagalkote

Name of farmer: Hanamappa Fakirappa Walikar

Address: Kainakatti Badami

Age: 31yrs

Education: ITI

Size of land holding (in acre): 13.05 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Groundnut	3	20	96000	64000
Field crop 2	Sorghum	3	28	64400	52400
Field crop 3	Wheat	2	25	70000	54000
Hort crop 1	Onion	3	200	220000	180000
Livestock 1	Poultry	3000 birds	-	186000	100000
Total				636400	450400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Hort crop 1	Papaya	3	100 0	1350000	950000	>100	>100
Hort crop 2	Onion	3	210	420000	300000	5	66.66
Livestock 1	Poultry	8000 birds	-	800000	600000	166	500
Total				2570000	1850000		310.8

Brief: The farmer used to get annual income of Rs. 450400 from agriculture, horticulture and poultry unit. He faced problems like price fluctuations, unseasonal rainfall, pest and disease problems in field crops. With DFI interventions **crop diversification, expansion of poultry unit, and shifting to horticulture (high value crops)** he is getting annual income of Rs. **1850000**. He is practicing **mechanization in his farm, using organic manure** of his farm and cultivating fodder seeds required for his poultry farm.



Consultancy in management of papaya



Farmer in his papaya field



Name of farmer: Mallavva Basavangouda Goudar

Address: Bagavathi, Bagalkote(Tq)

Age: 76

Education: -Nil-

Size of land holding (in acre): 6 acre

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Jowar (Rabi)	6	14	42000	12000
Hort. Crop -1	Onion (Kharif)	6	44	66000	49000
Total				108000	61000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Jowar (Rabi)	6	36	115000	45000	157.14	275.00
Hort. Crop -1	Onion (Kharif)	6	60	150000	98000	36.36	>100.0
Total				265000	143000		134.42

Brief: The farmer used to get annual income of **Rs. 61000** from onion and Jowar crops. She faced problems like insect pest and diseases, low productivity of crops due to nutrient and weed management etc. With DFI interventions like, **nutrient and pest management, use of bio-agents, advisories on crop production**. She is getting annual income of **Rs 143000**.



Nutrient, weed and pest management in Onion



Nutrient and weed management in Sorghum

Name of farmer: Ramachandra Arashinagodi

Address: Benakatti, Bagalkote (Tq)

Age: 31 yrs

Education: Diploma (Mechanical)

Size of land holding (in acre): 7 acre



1

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Jowar (Rabi)	5	30	66000	56000
Hort. Crop -1	Onion (Kharif)	2	80	168000	68000
Other enterprise (Specify)	* Leased amount @ 6000/ac deducted from net income (1 ac)				-42000
Total			234000	234000	124000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Jowar (Rabi)	2	20	50000	48000	66.67	14.29
Field Crop 2	Greengram (Kharif)	1	4.2	26040	20040	>100.00	>100.00
Field Crop 3	Chickpea (Rabi)	1	8.5	46750	42750	>100.00	>100.00
Field Crop 4	Groundnut (Kharif)	1	6.9	36570	34570	>100.00	>100.00
Sericulture	Sericulture	2	6.6	198000	138000	>100.00	>100.00
Other enterprise (Specify)	* Leased amount @ 6000/ac deducted from net income (1 ac)				-42000		
Total				357360	283360		128.5

Brief: The farmer used to get annual income of **Rs. 124000** from Jowar and Onion crops. He faced problems like low yielding varieties, low productivity of crops under organic farming etc. With DFI interventions like introduction of **High yielding variety, nutrient and pest management through organic, use of bio-agents, advisories on crop production, and trainings.** He is getting annual income of **Rs 283360**.



Greengram (DGGV-2) under CFLD-Pulses



Organic cultivation of mulberry



Name of farmer: Neelappa Dasappanavar

Address: Benakatti, Bagalkote (Tq)

Age: 60

Education: M.A.

Size of land holding (in acre): 20 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (Co-86032)	9	4050	931500	531500
Field Crop 2	Greengram (Sel-4)	6	21	84000	34000
Field Crop 3	Onion (Arkakalyan)	5	250	750000	550000
Total				1765500	1115500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (Co-86032)	9	630 0	1701000	1301000	55.56	144.78
Field Crop 2	Greengram (DGGV-2)	6	27.85	236725	176725	32.62	419.78
Field Crop 3	Onion (Arkakalyan)	5	265	1060000	900000	6.0	63.64
Total				2997725	2377725		113.15

Brief: The farmer used to get annual income of **Rs. 1115500** from sugarcane, greengram and onion. He faced problems like low yielding varieties, Nutrient and weed management, low productivity in crops etc. With DFI interventions like introduction of **High yielding varieties, nutrient management, pre and post emergent weed management, use of bio-agents, advisories on crop production, seed production and trainings**. He is getting annual income of **Rs 2377725**.



Nutrient, weed and pest management in Onion



Greengram (DGGV-2) seed production under seed hub



Name of farmer: Vemanna Thammana Bennur

Address: Benakatti, Bagalkote (Tq)

Age: 47

Education: B.A.

Size of land holding (in acre): 32 acre

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Black gram	4	18	100800	76800
Field Crop 2	Onion (Arkakalyan)	28	115	460000	40000
Field Crop 3	Chickpea (JG-11)	22	100	540000	430000
Field Crop 4	Groundnut (TMV-2)	2	26	159250	99250
Field Crop 5	Jowar (M35-1)	8	80	288000	248000
Total				1548050	894050

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Greengram (DGGV-2)	6	36	298800	262800	>100.00	>100.00
Field Crop 2	Chilli	4	12	384000	352000	>100.00	>100.00
Field Crop 3	Onion (Arkakalyan)	22	120	540000	100000	32.81	150.00
Field Crop 4	Chickpea (JG-11)	22	155	899000	789000	55.00	83.49
Field Crop 5	Jowar (M35-1)	10	100	380000	330000	0	33.06
Total				2501800	1833800		105.11

Brief: The farmer used to get annual income of **Rs. 894050** from Black gram, Onion, Chickpea, Groundnut and Jowar. He faced problems like low yielding varieties, Nutrient and weed management, low productivity in crops etc. With DFI interventions like introduction of **High yielding greengram variety, nutrient management in chilli, pre and post emergent weed management in onion, use of trichoderma for seed treatment, advisories on crop production and trainings.** He is getting annual income of **Rs 1833800**.



ICM chickpea plot demonstrated at farmer's field by KVK Bagalkote



A view of Greengram crop (DGGV-2) under CFLD-Pulses



Name of farmer: Govindappa Hanumanthappa Bajanthri

Address: Tulsigere

Age: 66

Education: SSLC

Size of land holding (in acre): 5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1	20	60000	40000
Hort. Crop 1	Onion	1	80	120000	80000
Hort. Crop 2	Lime	0.5	60	60000	40000
Livestock 1	Goat	10	10	125000	75000
Livestock 2	Poultry	50	50	15000	10000
Total				380000	245000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	1	25	60000	40000	25	-
Hort. Crop 1	Onion	1	100	160000	120000	25	50
Hort. Crop 2	Lime	0.5	80	80000	60000	50	50
Hort. Crop 3	Banana	1	600	400000	320000	>100.00	>100.00
Livestock 1	Goat	30	375000	100000	275000	200	266
Livestock 2	Poultry	200	200	60000	40000	300	300
Livestock 3	Fishery	1	6000	300000	200000	>100.00	>100.00
Total				1160000	1055000		330.6

Brief: The farmer used to get annual income of Rs. **245000** from maize, onion and goat unit, back yard poultry etc. He faced problems like low market price etc. With change in cropping pattern and DFI interventions like management of diseases in onion, banana sigatoka leaf spot, wilt and use of bioagents like trichoderma, pseudomonas for disease management etc and increase in goat unit, back yard poultry and fishery., he is getting annual income of Rs. **1055000**.



Visit of KVK scientists to banana plot of farmer along with Horticulture Dept staff



Backyard poultry and goat rearing units of farmer





Name of farmer: Yamunappa Bilgi

Address: Bennur RC

Age: 48

Education: SSLC

Size of land holding (in acre): 4 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Maize	0.5	10	30000	20000
Livestock 1	Goat/Sheep	4	10	50000	30000
Livestock 2	Cow	2	6	20000	15000
Other enterprise	Sericulture	3.5	12	480000	400000
Total				580000	465000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 2	Maize	1	25	60000	40000	25	>100
Livestock 1	Goat	20	20	250000	200000	400	566
Livestock 2	Cow	2	6	20000	15000	-	-
Other enterprise	Sericulture	3.5	27	1515000	900000	125	125
Total				1845000	1155000		148.39

Brief: The farmer used to get annual income of Rs **465000** from sericulture, goat unit etc. He faced problems like low market price etc. With proper silk worm rearing practices, and increase in goat unit, he is getting annual income of Rs. **1155000**. KVK has linked the farmer to sericulture department.



Visit of KVK scientists to mulberry plot of farmer



Visit of KVK scientists to goat rearing unit of farmer



Name of farmer: Basavaraj Veerabhadrappa Pundikatagi

Address: Udagatti, Bagalkote

Age: 43 yr

Education: SSLC

Size of land holding (in acre): 30 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Sugarcane	15	4500	990000	747000
Field crop 1	Wheat	1	15	22500	18000
Hort crop 1	Onion seed	1	2	170000	125000
Hort crop 2	Onion	10	600	900000	700000
Hort crop 3	Watermelon	10	2000	1200000	800000
Total				3282500	2390000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Sugarcane	15	8250	2062500	1800000	83.33	125
Field crop 1	Sweet corn	4	40	56000	45000	>100	>100
Field crop 3	Greengram	4	24	152880	100000	>100	>100
Hort crop 1	Onion	10	800	1600000	1200000	33.33	71.43
Hort crop 2	Watermelon	12	2400	1440000	1200000	20	50
Hort crop 3	Musk melon	2	250	450000	380000	>100	>100
Hort crop 4	Tomato	2	20	30000	20000	>100	>100
Hort crop 4	Onion seed	2	2.5	45000	35000		-72
Total				5836380	4780000		100

Brief: The farmer used to get annual income of Rs **2390000** from sugarcane and horticulture crops. He faced problems like root grub, price fluctuations, lack of marketing linkage and lack of crop diversity. With DFI intervention like **soil test based fertilizer application, water saving methods, nutrient management in horticulture crop, introduction of musk melon, sweet corn and tomato**, he is getting annual income of Rs. **4780000**.



Farmer in his watermelon plot and a vehicle transporting watermelon

Farmer in his vegetable plot



Name of farmer: Hanumanth Siddappa Salgundi

Address: Chabbi

Age: 55

Education: 2

Size of land holding (in acre): 2.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Lime	1	120	120000	70000
Livestock 1	Goat/Sheep	3	3	37500	30000
Livestock 2	Buffaloo	2	2160	97200	60000
Other enterprise	Sericulture	1.5	6	240000	200000
Total				494700	360000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Lime	1	200	260000	200000	66.66	185
Livestock 1	Goat	15	15	187500	90000	400	200
Livestock 2	Buffaloes	2	2160	97200	60000	0	0
Other enterprise	Sericulture	1.5	14	630000	500000	0	150
Total				1174700	850000		136.1

Brief: The farmer used to get annual income of Rs. **360000** from sericulture, goat unit etc. He faced problems like low market price, citrus canker etc. With proper silk worm rearing practices, and increase in goat unit and integrated disease management in citrus, he is getting annual income of Rs. **850000**. KVK has linked the farmer to sericulture department.



KVK scientist's visit to lime and mulberry orchard along with Agricultural Dept staff



Name of farmer: Basavaraj Bennur

Address: Kaladagi, Bagalkote

Age: 49 yrs

Education: Diploma in agri and Diploma in Horticulture

Size of land holding (in acre): 30 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	6	150	150000	100000
Field Crop 2	Sweet corn	2	100	75000	50000
Field Crop 3	Greengram	2	8	40000	30000
Field Crop 4	Pigeonpea	1	8	40000	30000
Hort crop 1	Cabbage+	2	30	60000	50000
Hort crop 2	Chilli		6	60000	45000
Hort crop 3	Lime	6	80	120000	100000
Hort crop 4	Coconut	120 trees	15000	150000	135000
Hort crop 5	Papaya	2	200	160000	100000
Hort crop 6	Pomegranate	8	400	1400000	905000
Forest sp 1	Red sanders	4		-	-
Forest sp 2	Teak	200 (bunds)		-	-
Total				2255000	1545000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Maize	4	120	180000	150000	20	50
Field Crop 2	Sunflower	6	54	216000	180000	>100	>100
Field Crop 3	Greengram (DGG-2)	2	8	40000	30000	>100	0
Field Crop 4	D. wheat	2	16	48000	35000	>100	>100
Hort crop 1	Brinjal	2	120	120000	75000	>100	>100
Hort crop 2	Lime	6	120	180000	140000	50	40
Hort crop 3	Coconut	120 trees	20000 nuts	200000	180000	33	33.33%
Hort crop 4	Papaya	2	410	410000	300000	105	200%
Hort crop 5	Pomegranate	8	480	2400000	2000000	20	200%
Forest sp 1	Red sanders	4	-	-	-	-	-
Forest sp 2	Teak (bunds)	200	-	-	-	-	-
Total				3794000	3090000		100.7

Brief: The farmer used to get annual income of Rs. 1540000 from Horticulture and field crops. He faced problems like disease in pomegranate, high cost of fertilizers and lack of knowledge on HYV. Main DFI interventions were **disease management in pomegranate, papaya and introduction of HYV in horticulture and agriculture crops. He has been empowered to maintain disease free pomegranate orchard and has been involved in training farmers.** He is getting annual income of Rs 3090000.



Farmer in his sunflower and wheat plot



Farmer in his pomegranate field discussing with scientists





Name of farmer: Mahadevappa Husanappa Chalavadi

Address: Rolli Bilagi tq

Age: 59 yrs

Education: Nil

Size of land holding (in acre): 20 ac+ 10 ac lease

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production,(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	12	6000	1320000	800000
Field Crop 2	Dicocum wheat	1	8	24000	18000
Field Crop 3	chickpea	2	10	45000	35000
Field Crop 4	Sorghum	3	24	60000	40000
Hort crop 1	Onion	4	600	1200000	877000
Hort crop 2	Vegetables	2	125	200000	150000
Hort crop 3	Banana	2	500	250000	100000
Live stock 1	Buffaloes	4	2400	72000	35000
Total				3171000	2055000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Sugarcane	15	10500	2625000	2175000	75.0	171.9
Field Crop 2	Maize	1.5	40	60000	48000	22	50
Field Crop 3	Groundnut	3	35	192500	150000	20	37.5
Field Crop 4	Wheat	3	30	75000	60000	25	25
Field Crop 5	Dicocum wheat	1	8	24000	18000	0	0
Field Crop 6	Chickpea	1	5	30000	20000	-50.0	-42.9
Field Crop 7	Sorghum	2	14	35000	20000	-41.7	-50
Field Crop 8	Cowpea	1	8	40000	35000	>100	>100
Field Crop 9	Greengram	2	8	50000	35000	>100	>100
Horti crop 1	Onion	4	712	2030000	1500000	18.7	71.0
Live stock 1	Buffaloes	4	2400	72000	35000	0	0
Live stock 2	Cows	2	1200 lit	30000	15000	>100	>100
Total				5263500	4110000		100.1

Brief: The farmer used to get annual income of Rs. 2055000 from Horticulture and field crops. He faced problems like root grub in sugarcane, price fluctuation in horticulture crops, very low price in banana, high cost of fertilizers and lack of knowledge on HYV. Main DFI interventions were pest and disease management in field crops and introduction of HYV in groundnut, wheat and FAW management in maize, marketing strategy, through trainings and mass awareness campaigns; he is getting annual income of Rs. 4110000. They recycle the local resources for sustainability in agriculture and he is a district level awardee under ATMA.



Farmer in his Sugarcane field



Farmer in his Maize field